

HOSTETTER
ILLUSTRATED
UNITED STATES
ALMANAC
1890.



FOR MERCHANTS, MECHANICS, MINERS,
FARMERS, PLANTERS,
AND
GENERAL FAMILY USE.

Carefully calculated for such Meridians and Latitudes as are best suited for a Universal
Calendar for the United States.

PUBLISHED BY
HOSTETTER & CO.
PITTSBURGH, PA.

IMPORTANT TO OUR PATRONS.

“WHAT shall we eat, and what shall we drink, and wherewithal shall we be clothed,” are considerations we cannot afford to despise. Yet we habitually disregard a problem of importance equal to these. How shall we go rationally to work to restore failing health? The dosers and the delugers of the human stomach are as the sands on the sea shore. The neglectful are almost equally numerous. Enlightened physicians preach prudence vainly, and deprecate promiscuous medication with equal ill success.

Against the nostrums whose “name is legion,” it is only humane to warn those who have used, or feel inclined to use *Hostetter's Stomach Bitters*. Wooed by specious labels, hoodwinked by interested and false representations, hosts of people are daily impairing digestion, tormenting their livers and weakening their bowels with medicines of no efficacy. The bombastic statements in print and *viva voce* about these trashy compounds do not, in many instances, seem to arouse the suspicion that they should in rational minds. It must be that man and womankind are inherently credulous.

Among the worst of the nostrums we have indicated in a general way, are certain cheap local bitters, “tonics” and cordials which, besides being destitute of efficacy, act with corrosive force upon the mucous membrane of the stomach and intestines. They have been in the past, in some instances, and are still occasionally put up, and have their atrocious impurity cloaked in the respectable and honored guise of *Hostetter's Stomach Bitters*; are colorable imitations of it, with a name somewhat similar; or are recommended by unconscientious persons as equally good. The penal enactment against violation of Trade Marks, by a recent Congress, does not always reach them. When it does, and we learn of their imposture, we take measures to secure their punishment. In the meantime, those who are desirous of experiencing the acknowledged benefits in the cure and prevention of disease, derivable from the genuine Bitters—and our *clientelle* in that direction is ever on the increase—are sometimes debarred by a proneness to credit the plausible representations of the unscrupulous, and accept, perhaps, a sham for the real Bitters.

We therefore renew a periodical caution. In order that our patrons should avoid the danger of imposture, it is only necessary that they should observe the following indications on the bottles of *HOSTETTER'S STOMACH BITTERS*, which is always SOLD in glass, by the single bottle, or in cases, never in bulk.

On one side is a steel plate vignette, representing St. George slaying the Dragon, and also the fac-simile signature of the firm at the bottom of the label. On the other side of the bottle is a bronze label, giving directions for use.

NOTE THIS CAUTION, READER, and you will escape with sound stomachs and renewed health.

Hostetter's United States Almanac

For the Year

1 | 8 | 9 | 0

Calculated for

Boston, Pittsburgh and New Orleans.

A PERSISTENT ASSAULT.

IN order to carry on a successful warfare against disease, begin the campaign early—wage it persistently. If you wait, the foe will gather strength. Violent medication may do for desperate cases, but is unnecessary at the outset. Indeed, the use of super-potent specifics, such as mineral poisons, vegetable narcotics and drenching cathartics, is growing more and more into disfavor with the medical profession.

Among the items of **FAMILY MATERIA MEDICA**, the value of *Hostetter's Stomach Bitters* is widely and well understood in the households of the land. While its action is thorough, it is unattended with any of the drawbacks which militate against the use of medicines, that while accomplishing a temporary result perhaps, injure digestion and jar the nerves, leaving the root of the evil unremoved. The Bitters is nothing if it is not thorough, yet is it progressive, not sudden and abrupt. Being signally efficacious in subduing the maladies of more common occurrence, such as indigestion, constipation and biliousness, it has obtained paramount distinction as a medicine for home use. Its botanic origin also commends it as derived as it is from pure and fruitful sources of health in the vegetable kingdom. That

it can be relied upon as an efficient tonic and defense against malaria, is the recorded experience of thousands of respectable people in all walks of life, of both sexes, and who, failing of relief in other quarters, have sought its aid or protection with benefit. But here, as elsewhere, we point with insistence to the fact, that two things are highly desirable in having recourse to it—promptitude and persistency. Medicines that deserve well of mankind merit a reasonable and seasonable trial,

if they are expected to produce permanent effects. It cannot be supposed by any intelligent mind, that the speedy amelioration of disagreeable symptoms is to be followed by a removal of their cause, unless a systematic course of the



remedy is pursued. NOW AND THEN, at irregular intervals, WILL NOT DO, if you have a chronic ailment—dyspepsia, for example. If the victory is to be complete, one or two assaults are of little avail. Disease, though it may be driven out, is obstinate. Emulate, therefore, the example of the champion in the cut, drive the dragon to his lair, and extirpate him with repeated and deadly thrusts.


HOSTETTER & CO.


PITTSBURGH, PA.


HOSTETTER'S ALMANAC, 1890.


THE TWELVE SIGNS OF THE ZODIAC.


RAM. Aries,  THE HEAD.

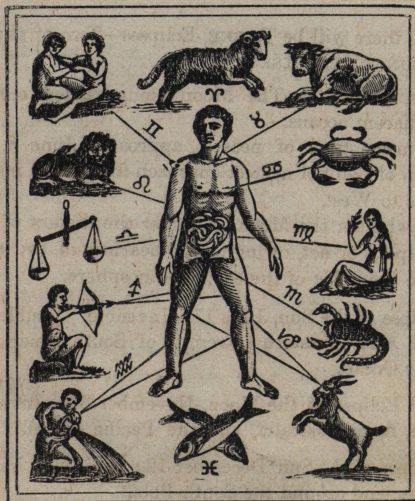
TWINS,
 Gemini,
 ARMS. 


 LION,
 Leo,
 HEART. 

 BALANCE,
 Libra,
 REINS. 

 ARCHER,
 Sagittarius,
 THIGHS. 

 WATERMAN,
 Aquarius,
 LEGS. 



OX,
 Taurus,
 NECK. 

 CRAB,
 Cancer,
 BREAST. 

 VIRGIN,
 Virgo,
 BOWELS. 

 SCORPION,
 Scorpio,
 LOINS. 

 GOAT,
 Capricorn,
 KNEES. 

FISHES. Pisces.  THE FEET.

CHRONOLOGICAL CYCLES.

Dominical Letter,.....	E.	Solar Cycle,.....	23
Epact,.....	9	Roman Indiction,.....	3
Lunar Cycle, or Golden Number,.....	10	Julian Period,.....	6603

FIXED AND MOVABLE FESTIVALS.

Epiphany,.....	Jan. 6	Rogation Sunday,.....	May 11
Septuagesima Sunday,.....	Feb. 2	Ascension—Holy Thursday,.....	" 15
Quinquagesima—Shrove Sund... ..	" 13	Pentecost—Whit Sunday,.....	" 25
Ash Wednesday,.....	" 19	Trinity Sunday,.....	June 1
First Sunday in Lent,.....	" 23	Corpus Christi,.....	" 5
St. Patrick's Day,.....	Mar. 17	First Sunday in Advent,.....	Nov. 30
Palm Sunday,.....	" 30	Christmas Day,.....	Dec. 25
Good Friday,.....	Apr. 4	Ember Days.	
Easter Sunday,.....	" 6	Feb. 26, 28, Mar. 1;	Sept. 17, 19, 20;
Low Sunday,.....	" 13	May 28, 30, 31;	Dec. 17, 19, 20.

ECLIPSES FOR THE YEAR 1890.

In the year 1890 there will be THREE Eclipses—Two of the Sun and One of the Moon, and a LUNAR APPULSE:

A LUNAR APPULSE, June 2-3. The Moon being visible to North and South America, and adjacent oceans.

Washington mean time of nearest approach, June 3, 1 h. 37 m. A. M. Angle of position of point of nearest approach from north point of the Moon's limb 167 degrees to West.

It is doubtful whether the Moon will enter the shadow of the earth, (causing a partial eclipse,) or not, owing to the nearness of the approach and the uncertainty as to the effect of the earth's atmosphere.

I.—An Annular Eclipse of the Sun, June 17. Invisible. Visible to Europe, Asia, northern half of Africa, eastern extremity of South America, and the intermediate Atlantic Ocean.

II.—A slight Partial Eclipse of the Moon, November 26. Invisible. Visible to the Pacific slope, Asia, Australia, and the Pacific Ocean.

III.—A Central Eclipse of the Sun, December 12. Invisible. Visible to Australia, the Indian Ocean, and around the South Pole.

THE SEASONS. (*Pittsburgh Time.*)

Vernal Equinox,.....	Spring begins,.....	March	20 d. 10 h. 13 m. A. M.
Summer Solstice,.....	Summer “	June	21 d. 6 h. 27 m. A. M.
Autumnal Equinox, ...	Autumn “	Septem ^r .	22 d. 8 h. 54 m. P. M.
Winter Solstice,.....	Winter “	Decemb.	21 d. 3 h. 6 m. P. M.

MORNING AND EVENING STARS, 1890.

Mercury will be visible as Evening Star about January 13, May 6, September 3 and December 27; and as Morning Star about February 23, June 24 and October 15.

Venus will be Morning Star till February 18, then Evening Star till December 3, and Morning Star again the rest of the year.

Jupiter will be Evening Star till January 10, then Morning Star till July 30, and Evening Star again the rest of the year.

1st
Mon.31
Days

MOON'S PHASES.		BOSTON.			PITTSBURGH.			NEW ORLEANS.		
		D.	H.	M.	D.	H.	M.	D.	H.	M.
☾	FULL MOON.....	6	0	53 Mor.	6	0	17 Mor.	5	11	37 Eve.
☾	LAST QUARTER.....	14	1	49 "	14	1	13 "	14	0	33 Mor.
☾	NEW MOON.....	20	7	5 Eve.	20	6	29 Eve.	20	5	49 Eve.
☾	FIRST QUARTER.....	27	3	32 "	27	2	56 "	27	2	16 "

Days.	Month.	Week.	HISTORICAL EVENTS.	Moon's Con.	Sun Slow.	BOSTON.			PITTSBURGH.			NEW ORLEANS.		
						Sun rises.	Sun sets.	Moon sets.	Sun rises.	Sun sets.	Moon sets.	Sun rises.	Sun sets.	Moon sets.
					M. S.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
1	W		Slave Trade abolis., 1808	☾	4 0	7 30	4 39	3 10	7 24	4 44	3 8	6 56	5 12	2 53
2	Th		Edmund Burke b., 1730	☾	4 23	7 30	4 39	4 12	7 24	4 45	4 9	6 56	5 13	3 49
3	Fri		Bishop Hughes d., 1864	☾	4 56	7 30	4 40	5 13	7 25	4 45	5 9	6 57	5 13	4 15
4	Sa		Isaac Newton born, 1642	☾	5 23	7 30	4 41	6 11	7 25	4 46	6 6	6 57	5 14	5 38

(1.) 21 SUNDAY AFTER CHRISTMAS.

Luke 2.

Day's Length, (Pitts.) 9 h. 23 m.

5	S		Canton bombarded, 1857	☾	5 49	7 30	4 42	7 6	7 25	4 47	7 1	6 57	5 15	6 31
6	Mo		France expels Jesuits '29	☾	6 16	7 30	4 43	RISE.	7 25	4 48	RISE.	6 57	5 15	RISE.
7	Tu		Liberia colonized, 1822	☾	6 42	7 29	4 44	6 4	7 24	4 49	6 11	6 57	5 16	6 39
8	We		Eli Whitney died, 1825	☾	7 7	7 29	4 45	7 2	7 24	4 50	7 8	6 57	5 17	7 33
9	Th		Astor Library open, 1855	☾	7 32	7 29	4 46	8 3	7 24	4 51	8 8	6 57	5 18	8 28
10	Fri		John Roach died, 1887	☾	7 56	7 29	4 47	9 5	7 24	4 52	9 8	6 57	5 19	9 23
11	Sa		Linneus died, 1778	☾	8 20	7 29	4 48	10 7	7 24	4 53	10 9	6 57	5 19	10 18

(2.) 1st SUNDAY AFTER EPIPHANY.

Luke 2.

Day's Length, (Pitts.) 9 h. 31 m.

12	S		Bayard Taylor born, '25	☾	8 43	7 28	4 49	11 10	7 23	4 54	11 11	6 57	5 20	11 14
13	Mo		Patent to Plymouth, 1630	☾	9 5	7 28	4 50	MOR.	7 23	4 55	MOR.	6 57	5 21	MOR.
14	Tu		Bishop Berkeley d., 1753	☾	9 27	7 28	4 52	0 15	7 23	4 56	0 15	6 57	5 23	0 11
15	We		Edw. Everett died, 1865	☾	9 48	7 27	4 53	1 24	7 22	4 57	1 22	6 57	5 23	1 11
16	Th		Sir John Moore d., 1809	☾	10 9	7 27	4 54	2 34	7 22	4 58	2 31	6 57	5 24	2 15
17	Fri		Chillians enter Lima, '81	☾	10 29	7 26	4 55	3 47	7 21	5 0	3 43	6 57	5 25	3 21
18	Sa		E. L. Youmans d., 1887	☾	10 48	7 25	4 56	5 0	7 21	5 1	4 55	6 56	5 25	4 28

(3.) 2d SUNDAY AFTER EPIPHANY.

John 2.

Day's Length, (Pitts.) 9 h. 42 m.

19	S		Gen. Mercer killed, 1777	☾	11 6	7 25	4 53	6 12	7 20	5 2	6 7	6 56	5 26	5 37
20	Mo		Australia colonized, 1788	☾	11 24	7 24	4 59	SETS	7 19	5 3	SETS	6 56	5 27	SETS
21	Tu		Southern died, 1880	☾	11 41	7 23	5 0	5 56	7 19	5 4	6 2	6 55	5 28	6 27
22	We		Lord Bacon born, 1561	☾	11 57	7 23	5 1	7 14	7 18	5 6	7 19	6 55	5 29	7 38
23	Th		William Pitt died, 1806	☾	12 12	7 22	5 3	8 30	7 18	5 7	8 33	6 55	5 30	8 47
24	Fri		Swedenborg born, 1688	☾	12 27	7 21	5 4	9 42	7 17	5 8	9 44	6 54	5 31	9 51
25	Sa		Quebec Castle burn'd, '34	☾	12 41	7 21	5 5	10 51	7 16	5 9	10 52	6 54	5 31	10 51

(4.) 3d SUNDAY AFTER EPIPHANY.

Matt. 8.

Day's Length, (Pitts.) 9 h. 55 m.

26	S		Income Tax repealed, '71	☾	12 53	7 20	5 6	11 57	7 15	5 10	11 56	6 54	5 32	11 49
27	Mo		Mozart died, 1756	☾	13 6	7 19	5 8	MOR.	7 15	5 12	MOR.	6 53	5 33	MOR.
28	Tu		Francis Drake died, 1761	☾	13 17	7 18	5 9	1 2	7 14	5 13	1 0	6 53	5 34	0 47
29	We		Kansas admitted, 1861	☾	13 27	7 17	5 10	2 5	7 13	5 14	2 2	6 52	5 35	1 44
30	Th		Bell Chimes invent., 1487	☾	13 37	7 17	5 12	3 6	7 12	5 15	3 2	6 52	5 36	2 39
31	Fri		XIII. Amend. adopt., '65	☾	13 45	7 15	5 13	4 5	7 11	5 16	4 0	6 51	5 37	3 33

RAILWAY PORTER—"Well, sir, you've tipped me very handsomely, and I don't mind giving you a tip. Never get into the

last carriage; it always suffers worse in collisions." Mr. O'Bull—"Faith, why don't they leave it off, then!"

Repair Loss of Strength and Vitality in Time,

AND

Checkmate Disease

WITH

HOSTETTER'S STOMACH BITTERS.

OUR hearts, "those muffled drums beating funeral marches to the grave," soon hasten the *rataplan*, until it becomes a quickstep, if we do not hasten, when experiencing a growing diminution of stamina, to reinforce vital energy, to repair loss of strength with a safe, sure means. Who that has felt disease creeping upon him has not also experienced a depletion of energy day by day. There are tonics by the myriad, alleged to be so at least, but few indeed really invigorate. Where shall the feeble look for strength; how checkmate disease by remedying weakness, its parent? If there is an object deserving of commiseration, it is a man or woman who, feeling vigor ebbing daily, is yet at a loss where to look for help; who, through ignorance, prejudice, the false advice of friends, is constantly groping in the wrong direction, trying one alleged panacea for human ills after another, health and purse alike failing. In multitudes of homes the bread winner lies stretched, helpless to put in the mouths of his wife and little ones what keeps body and soul together. There is one guide never false, whose index finger points unerringly the road to health.

It is EXPERIENCE, truthful and concurrent. This indicates *Hostetter's Stomach Bitters* as a benign tonic, fully adapted to the wants of the weak—no nostrum, but a genuine source of strength, and a means of fortifying the system against oncoming disease, in those who seek its timely aid.

The confirmation through professional testimony of the reasonable claims in its behalf, strongly and convincingly accredit it for medicinal use by invalids, and this is backed up by a mass of testimony from innumerable other sources. For over a third of a century it has, without parallel on this continent or elsewhere, been the most triumphant remedy, proprietary or officinal, for fever and ague, bilious and remittent; also a widely popular household specific for indigestion, constipation, liver complaint, incipient rheumatism, and kidney and bladder troubles. The millions of copies of this Almanac distributed broadcast, and translated into many languages, will meet the eyes of an immense percentage of those whom it has benefited. Its name has been familiar to the ears of two generations; it has been blessed with a yearly increase of



MOON'S PHASES.				BOSTON.				PITTSBURGH.				NEW ORLEANS.			
				D. H. M.				D. H. M.				D. H. M.			
☾ FULL MOON,.....				4 8 29 Eve.				4 7 53 Eve.				4 7 13 Eve.			
☾ LAST QUARTER,				12 2 7 "				12 1 31 "				12 0 51 "			
☾ NEW MOON,.....				19 5 44 Mor.				19 5 8 Mor.				19 4 28 Mor.			
☾ FIRST QUARTER,.....				26 9 22 "				26 8 46 "				26 8 6 "			
Days.				Sun	Sun	Moon	Sun	Sun	Moon	Sun	Sun	Moon			
Month.	Week.	HISTORICAL EVENTS.		Slow.	rises.	sets.	rises.	sets.	sets.	rises.	sets.	sets.			
				M. S.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.			
1	Sa	De Cassagnac died, 1880	☐	13 53	7 14	5 14	5 1	7 10	5 18	4 56	6 51	5 38	4 26		
(5.) SEPTUAGESIMA SUNDAY.				Matt. 20.				Day's Length, (Pitts.) 10 h. 10 m.							
2	S	Peace with Mexico, 1848	☐	14 0	7 13	5 16	5 51	7 9	5 19	5 46	6 50	5 38	5 16		
3	Mo	Greece declared free, '30	☐	14 7	7 12	5 17	6 36	7 8	5 20	6 31	6 49	5 39	6 3		
4	Tu	John Rogers burnt, 1555	☐	14 12	7 11	5 18	RISE.	7 7	5 21	RISE.	6 49	5 40	RISE.		
5	We	Ole Bull born, 1810	☐	14 17	7 10	5 19	5 55	7 6	5 22	6 0	6 48	5 41	6 21		
6	Th	Charles II. died, 1685	☐	14 20	7 9	5 21	6 58	7 5	5 24	7 2	6 47	5 42	7 18		
7	Fri	Fenelon died, 1715	☐	14 23	7 7	5 22	8 1	7 4	5 25	8 4	6 47	5 42	8 14		
8	Sa	Earthq. in London, 1760	☐	14 26	7 6	5 23	9 4	7 3	5 26	9 6	6 46	5 43	9 10		
(6.) SEXAGESIMA SUNDAY.				Luke 8.				Day's Length, (Pitts.) 10 h. 25 m.							
9	S	Gen. Harrison b., 1773	☐	14 27	7 5	5 25	10 8	7 2	5 27	10 8	6 45	5 44	10 6		
10	Mo	Darnley murdered, 1567	☐	14 28	7 4	5 26	11 13	7 0	5 29	11 12	6 44	5 45	11 4		
11	Tu	Wm. & Mary crown., 1689	☐	14 28	7 2	5 27	MOR.	6 59	5 30	MOR.	6 44	5 46	MOR.		
12	We	Astley Cooper died, 1841	☐	14 27	7 1	5 29	0 21	6 57	5 32	0 19	6 43	5 47	0 5		
13	Th	Cotton Mather died, 1728	☐	14 25	6 59	5 30	1 31	6 56	5 33	1 28	6 42	5 47	1 8		
14	Fri	St. Valentine's Day.	☐	14 23	6 58	5 31	2 42	6 55	5 34	2 38	6 41	5 48	2 12		
15	Sa	Blackstone died, 1780	☐	14 20	6 57	5 32	3 52	6 54	5 35	3 47	6 40	5 49	3 18		
(7.) QUINQUAGESIMA—SHROVE SUNDAY.				Luke 18.				Day's Length, (Pitts.) 10 h. 44 m.							
16	S	Ft. Donelson taken, 1862	☐	14 16	6 56	5 34	4 57	6 52	5 36	4 52	6 39	5 50	4 22		
17	Mo	Columbo burned, 1865	☐	14 12	6 54	5 35	5 55	6 51	5 37	5 50	6 38	5 51	5 23		
18	Tu	Vermont admitted, 1791	☐	14 7	6 53	5 36	6 42	6 50	5 38	6 38	6 37	5 51	6 16		
19	We	Copernicus born, 1472	☐	14 1	6 51	5 37	SETS.	6 49	5 39	SETS.	6 36	5 52	SETS.		
20	Th	Voltaire born, 1694	☐	13 54	6 50	5 39	7 16	6 47	5 40	7 19	6 36	5 53	7 29		
21	Fri	Tumult in Paris, 1848	☐	13 47	6 48	5 40	8 29	6 46	5 42	8 30	6 35	5 54	8 33		
22	Sa	Air Pump invented, 1650	☐	13 40	6 47	5 41	9 39	6 44	5 43	9 39	6 34	5 54	9 35		
(8.) 1st SUNDAY IN LENT.				Matt. 4.				Day's Length, (Pitts.) 11 h. 1 m.							
23	S	Earthq. in Europe, 1887	☐	13 31	6 45	5 43	10 47	6 43	5 44	10 46	6 33	5 55	10 35		
24	Mo	Senator Carpenter d., '81	☐	13 22	6 44	5 44	11 53	6 41	5 45	11 50	6 32	5 56	11 34		
25	Tu	Wallenstein died, 1634	☐	13 13	6 42	5 45	MOR.	6 40	5 46	MOR.	6 31	5 56	MOR.		
26	We	R. R. Livingston d., 1813	☐	13 2	6 41	5 46	0 57	6 38	5 48	0 53	6 30	5 57	0 32		
27	Th	Earthq. at Lisbon, 1796	☐	12 52	6 39	5 47	1 58	6 37	5 49	1 53	6 29	5 58	1 28		
28	Fri	Raphael born, 1483	☐	12 40	6 38	5 49	2 56	6 35	5 50	2 51	6 28	5 58	2 22		

A **FADED** carpet will get a somewhat new lustre by putting a half tumbler of spirits of turpentine in a basin of water, and keeping the broom wet with it while sweeping.

LEMON juice bids fair to supercede quinine in the treatment of malarial fevers, and ranks high as an anti-scorbutic, useful in removing tartar from the teeth.

reputation, which affords the best guaranty of its excellence, the most infallible index of its merit. A nation gifted with acknowledged shrewdness, has accepted it as its chosen proprietary tonic and general remedy; an age conspicuous for enlightenment has been the era of its success. It refreshes the fatigued, imparts appetite, and affords tranquillity to overworked brains and over-sensitive nerves. Business men whose minds are wearied, and whose health is impaired by the tension of gigantic projects, toilers at the desk or

the loom, mariners, travellers and others, unite in praising it as an incomparable medicinal stimulant, and a medicinal companion to be relied on for succor in time of need. Against climatic influences inimical to health, it is a competent safeguard. It is safe, prompt in reparative effect and a fine blood depur-ent, as well as fertilizer. The facts relating to it we do not wish to embellish by hyperbole, or lessen the force of by exaggeration. It is in every respect a standard remedy, the measure of whose popularity is its acknowledged desert.

VALUE OF ANCIENT MONEY.

DENOMINATIONS.	GRAINS.	GOLD V' LUE
Gold Shekel,	132	\$5.09
Gold Maneh,	13,200	569.00
Gold Talent,	1,320,000	56,900.00
Silver Gerah,	11	.02 $\frac{1}{4}$
Silver Beka,	110	.26 $\frac{1}{2}$
Silver Shekel,	220	.53
Silver Maneh,	13,200	32.00
Silver Talent,	660,000	1,660.00
Copper Shekel,	528	.03.14
Persian Daric or Drachm (gold)	128	5.52
Maccabean Shekel, (silver)	220	.52
"Piece of Money" (stater, silver)	220	.53
Penny (Denarius, silv.)	59	.14
Farthing (Quadrans, copper)	42	.00 $\frac{1}{4}$
Farthing (Assarium, copper)	84	.00 $\frac{1}{2}$
Mite (copper)	21	.00 $\frac{1}{8}$

To make paper adhere to tin is sometimes a housekeeper's wish, and affliction also; it may be done by making a paste of gum tragacanth and water, to which add a few drops of oil of vitriol. The druggist of whom you purchase the material will direct you in regard to quantity.

-CEMENT FOR STOVES.—If the stove is cracked, take wood ashes and salt in equal proportions, reduced to a paste with cold water, and fill in the cracks when the stove is cool. It will soon harden.

NEVER attempt to sail on the sea of public opinion without genius for your sails, character for your rudder, and determination at the wheel.

WHERE spades grow bright and idle words grow dull;
Where jails are empty, and where barns are full;
Where church paths are with frequent feet outworn,
Law courtyards weedy, silent and forlorn;
Where doctors foot it and where farmers ride,
Where age abounds and youth is multiplied;
Where these signs are, they clearly indicate
A happy people and well governed state.

In some religious denominations there is greater liberty of speech than in others. A tory was taking part in a prayer meeting, and in his intercessions he expressed anxiety for the union of tories and unionists. "Lord," said he, "may they all hang together." "Amen!" interrupted another. "Not, Lord," said the first speaker, "in the sense which our brother means, but let them hang together in accord and concord." "Any cord will do, Lord; any cord will do," continued the radical interrupter.

"I DON'T see why you are so particular about your hair," said a churlish husband, "I don't suppose Eve ever wore bangs." "I don't suppose she ever did," replied the wife, with a quiet smile, "but then there was nobody in the world but her husband to admire her." The husband became very thoughtful.

A GRAIN of strychnine will impart a perceptible flavor to 1,750,000 grains of water, and in each of these grains of water, though containing but the 1,750,000th of a grain of strychnine, the flavor of strychnine can be distinctly tasted.

3d
Mon.31
Days

MOON'S PHASES.				BOSTON.				PITTSBURGH.				NEW ORLEANS.			
				D. H. M.				D. H. M.				D. H. M.			
☾	FULL MOON.....			6	2	3	Eve.	6	1	27	Eve.	6	0	47	Eve.
☾	LAST QUARTER.....			13	11	21	"	13	10	5	"	13	10	5	"
☾	NEW MOON.....			20	4	17	"	20	3	41	"	20	3	1	"
☾	FIRST QUARTER.....			28	4	48	Mor.	28	4	12	Mor.	28	3	32	Mor.
Days.				Moon's Con.	Sun	Sun	Moon	Sun	Sun	Moon	Sun	Sun	Moon		
Month.	Week.	HISTORICAL EVENTS.		Slow.	rises.	sets.	sets.	rises.	sets.	sets.	rises.	sets.	sets.		
				M. S.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.		
1	Sa	Nicholas I. died, 1855		☐	12 28	6 36	5 50	3 48	6 33	5 51	3 43	6 27	5 59	3 13	
(9.) 24 SUNDAY IN LENT.				Matt. 15.				Day's Length, (Pitts.) 11 h. 20 m.							
2	S	Sam. Houston born, 1793		☐	12 16	6 34	5 51	4 34	6 32	5 52	4 29	6 25	6 0	4 0	
3	Mo	Idaho a Territory, 1863		☐	12 3	6 33	5 52	5 15	6 30	5 54	5 10	6 24	6 0	4 44	
4	Tu	Jackson inaugurated, '29		☐	11 50	6 31	5 54	5 50	6 29	5 55	5 46	6 23	6 1	5 24	
5	We	Dred Scott Decision, 1857		☐	11 36	6 29	5 55	6 20	6 27	5 56	6 17	6 22	6 2	6 0	
6	Th	D. Crockett killed, 1836		☐	11 22	6 28	5 56	RISE.	6 25	5 57	RISE.	6 21	6 3	RISE.	
7	Fri	King Canute died, 1036		☐	11 7	6 26	5 57	6 56	6 24	5 58	6 58	6 20	6 3	7 4	
8	Sa	H. W. Beecher died, 1887		☐	10 52	6 24	5 58	8 0	6 22	5 59	8 1	6 18	6 4	8 0	
(10.) 31 SUNDAY IN LENT.				Luke 11.				Day's Length, (Pitts.) 11 h. 39 m.							
9	S	Rizzio assassinated, 1566		☐	10 37	6 23	5 59	9 5	6 21	6 0	9 5	6 17	6 5	8 58	
10	Mo	Benjamin West d., 1820		☐	10 21	6 21	6 1	10 13	6 19	6 1	10 11	6 16	6 5	9 58	
11	Tu	1st London daily, 1702		☐	10 5	6 19	6 2	11 23	6 17	6 2	11 20	6 15	6 6	11 1	
12	We	Gustavus dethroned, '09		☐	9 49	6 18	6 3	MOR.	6 16	6 3	MOR.	6 14	6 6	MOR.	
13	Th	Emp. Russia assass., 1880		☐	9 32	6 16	6 4	0 33	6 14	6 5	0 29	6 13	6 7	0 5	
14	Fri	Corsica sold to Fran. 1735		☐	9 15	6 14	6 5	1 42	6 12	6 6	1 37	6 11	6 8	1 9	
15	Sa	Caesar assassina., B. C. 44		☐	8 58	6 12	6 6	2 47	6 11	6 7	2 42	6 10	6 8	2 12	
(11.) 4th SUNDAY IN LENT.				John 6.				Day's Length, (Pitts.) 11 h. 59 m.							
16	S	Battle of Guilford, 1781		☐	8 41	6 11	6 8	3 45	6 9	6 8	3 40	6 9	6 9	3 11	
17	Mo	St. Patrick's Day.		☐	8 23	6 9	6 9	4 34	6 8	6 9	4 30	6 8	6 10	4 4	
18	Tu	French Commune, 1871		☐	8 6	6 7	6 10	5 15	6 6	6 10	5 12	6 7	6 10	4 52	
19	We	Patent to Conn., 1631		☐	7 48	6 6	6 11	5 50	6 5	6 11	5 48	6 6	6 11	5 35	
20	Th	Spring begins.		☐	7 30	6 4	6 12	SETS.	6 3	6 12	SETS.	6 4	6 11	SETS.	
21	Fri	Cranmer burnt, 1556		☐	7 12	6 2	6 13	7 16	6 1	6 13	7 17	6 3	6 12	7 15	
22	Sa	Father Ryan died, 1886		☐	6 54	6 0	6 14	8 25	6 0	6 14	8 24	6 2	6 13	8 17	
(12.) 5th SUNDAY IN LENT.				John 8.				Day's Length, (Pitts.) 12 h. 17 m.							
23	S	Nice Opera House bu. '81		☐	6 26	5 59	6 15	9 34	5 58	6 15	9 32	6 0	6 13	9 18	
24	Mo	Q. Elizabeth died, 1603		☐	6 17	5 57	6 16	10 41	5 57	6 16	10 38	5 59	6 14	10 19	
25	Tu	Hudson River disc., 1609		☐	5 59	5 55	6 18	11 45	5 55	6 17	11 41	5 58	6 14	11 17	
26	We	Gen. Hull tried, 1814		☐	5 41	5 53	6 19	MOR.	5 53	6 18	MOR.	5 56	6 15	MOR.	
27	Th	James I. died, 1625		☐	5 22	5 52	6 20	0 46	5 52	6 19	0 41	5 55	6 16	0 13	
28	Fri	Death of Raphael, 1520		☐	5 4	5 50	6 21	1 41	5 50	6 20	1 36	5 54	6 16	1 6	
29	Sa	Ray Palmer died, 1887		☐	4 45	5 48	6 22	2 30	5 49	6 21	2 25	5 53	6 17	1 55	
(13.) EASTER SUNDAY.				Matt. 27.				Day's Length, (Pitts.) 12 h. 35 m.							
30	S	Capitulation Paris, 1813		☐	4 27	5 46	6 23	3 13	5 47	6 22	3 8	5 52	6 17	2 40	
31	Mo	John G. Saxe died, 1887		☐	4 9	5 45	6 24	3 50	5 45	6 23	3 46	5 51	6 18	3 22	

MEASURE 209 feet on each side, and you will have a square acre within an inch.

ONE hand in the dough is worth two feet in the dance.



"IS LIFE WORTH LIVING?"

VERY NAUGHTY TOMMY (who has been severely corrected by his Mamma).—
 "I'm pre'sh'-s-s sorry (sobbing) y'you ever m-marriid Pa'!!"

From John C. Helm, Buffalo, N. Y., March 20, 1887:

I have for a long time used your valuable Hostetter's Stomach Bitters, and often found relief in one bottle. My mother has on two occasions used it, and each time it has made her just as healthy as ever.

PERSONAL IDENTIFICATION.—A Texan "colonel" has been spending several weeks in New York. A few days ago, being in need of some money, he applied to a Broadway bank to cash a draft. "What is your name?" asked the paying-teller. "Colonel Sumpter Blank, sir, of Austin, Travis County, Texas." "You will have to be identified, colonel." This was something the colonel had not taken into consideration. He knew of nobody who could identify him, and was about to leave the bank when a happy thought occurred to him. He reached into

his breast pocket, and brought out a photograph of himself, and holding it under the nose of the bank official, said: "There, sir, I guess that settles it." "Of course, that's your photograph. But how does that identify you?" "Well, sir, will you please tell me how I could have my photograph taken if I wasn't myself?"

From William Lewis, M. D., Little Rock, Ark.,
 January 17, 1887;

Your Hostetter's Stomach Bitters are good in all debilitated cases. I would recommend it where a stimulant is required.

A DISCUSSION as to the probable advance in the price per loaf of bread arising from the wheat crop shortage, elicited the remark from one of the disputants, "It takes a long time for the loaf to hear from the barrel."



MOON'S PHASES.				BOSTON.			PITTSBURGE.			NEW ORLEANS.		
☾	FULL MOON,	.....		D. H. M.			D. H. M.			D. H. M.		
☾	LAST QUARTER,	.....		5 4 40	Mor.		5 4 4 Mor.			5 3 24	Mor.	
☾	NEW MOON,	.....		12 6 9	"		12 5 33	"		12 4 53	"	
☾	FIRST QUARTER,	.....		19 3 21	"		19 2 45	"		19 2 5	"	
☾		.....		27 0 7	"		26 11 31	Eve.		26 10 51	Eve.	

Days.		HISTORICAL EVENTS.	Moon's Con.	Sun Slow.	Sun			Moon			Sun			Moon		
Month.	Week.				rises.	sets.	sets.	rises.	sets.	sets.	rises.	sets.	sets.	rises.	sets.	sets.
				M. S.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.

1	Tu	Santa Anna presid., 1833	☾	3 50	5 43	6 26	4 22	5 43	6 24	4 19	5 50	6 19	4 0			
2	We	U. S. Mint establish., 1792	☾	3 32	5 41	6 27	4 50	5 42	6 26	4 48	5 48	6 19	4 34			
3	Th	Earthquake at Scio, 1881	☾	3 14	5 39	6 28	5 16	5 40	6 27	5 15	5 47	6 20	5 6			
4	Fri	John Tyler inaug., 1841	☾	2 57	5 38	6 29	5 41	5 38	6 28	5 41	5 46	6 20	5 38			
5	Sa	Plato died, B. C. 347	☾	2 39	5 36	6 30	RISE.	5 36	6 29	RISE.	5 45	6 21	RISE.			

(14.) EASTER SUNDAY.

John 20.

Day's Length, (Pitts.) 12 h. 55 m.

6	S	Washington pres't., 1789	☾	2 21	5 34	6 31	8 2	5 35	6 30	8 1	5 44	6 22	7 50			
7	Mo	Leland died, 1807	☾	2 4	5 33	6 32	9 12	5 33	6 31	9 9	5 43	6 22	8 52			
8	Tu	French enter Spain, 1823	☾	1 47	5 31	6 33	10 25	5 32	6 32	10 21	5 41	6 23	9 58			
9	We	Edward IV. died, 1483	☾	1 30	5 29	6 34	11 36	5 30	6 33	11 31	5 40	6 23	11 3			
10	Th	Fire in Pittsburgh, 1845	☾	1 14	5 28	6 36	MOR.	5 29	6 34	MOR.	5 39	6 24	MOR.			
11	Fri	Rowland Hill died, 1833	☾	0 58	5 26	6 37	0 42	5 27	6 35	0 37	5 38	6 25	0 6			
12	Sa	Henry Clay born, 1777	☾	0 42	5 24	6 38	1 41	5 26	6 36	1 36	5 37	6 25	1 6			

(15.) LOW SUNDAY.

John 20.

Day's Length, (Pitts.) 13 h. 13 m.

13	S	Lord Strafford born, 1593	☾	0 26	5 23	6 39	2 32	5 24	6 37	2 27	5 36	6 26	2 0			
14	Mo	Impeachment Trial, 1868	☾	0 11	5 21	6 40	3 15	5 23	6 38	3 11	5 35	6 26	2 50			
15	Tu	Patent Law passed, 1790	☾	Fast.	5 19	6 41	3 50	5 21	6 39	3 48	5 33	6 27	3 32			
16	We	Buffon died, 1783	☾	0 18	5 18	6 42	4 21	5 20	6 40	4 20	5 32	6 28	4 10			
17	Th	Benj. Franklin d., 1790	☾	0 32	5 16	6 44	4 49	5 18	6 41	4 49	5 31	6 28	4 46			
18	Fri	Battle Cerro Gordo, 1847	☾	0 46	5 15	6 45	5 15	5 17	6 42	5 16	5 30	6 29	5 21			
19	Sa	Beaconsfield died, 1881	☾	0 59	5 13	6 46	SETS	5 15	6 43	SETS	5 29	6 29	SETS			

(16.) 2d SUNDAY AFTER EASTER.

John 10.

Day's Length, (Pitts.) 13 h. 30 m.

20	S	Napoleon III. born, 1808	☾	1 12	5 12	6 47	8 23	5 14	6 44	8 20	5 28	6 30	8 3			
21	Mo	Rome founded, B. C. 153	☾	1 24	5 10	6 48	9 29	5 12	6 45	9 25	5 27	6 31	9 3			
22	Tu	R. Cromwell abdica., 1659	☾	1 36	5 8	6 49	10 32	5 11	6 46	10 27	5 26	6 31	10 0			
23	We	Queen Anne crown, 1702	☾	1 48	5 7	6 50	11 31	5 9	6 47	11 26	5 25	6 32	10 56			
24	Th	Oliver Cromwell b., 1599	☾	1 59	5 5	6 51	MOR.	5 8	6 48	MOR.	5 24	6 33	11 48			
25	Fri	Land Office establi., 1812	☾	2 10	5 4	6 52	0 24	5 7	6 49	0 19	5 23	6 33	MOR.			
26	Sa	Magellan killed, 1521	☾	2 20	5 2	6 53	1 10	5 5	6 50	1 5	5 22	6 34	0 35			

(17.) 3d SUNDAY AFTER EASTER.

John 16.

Day's Length, (Pitts.) 13 h. 47 m.

27	S	Girardin died, 1881	☾	2 29	5 1	6 54	1 49	5 4	6 51	1 44	5 21	6 34	1 18			
28	Mo	James Monroe b., 1758	☾	2 39	5 0	6 56	2 22	5 2	6 52	2 18	5 20	6 35	1 57			
29	Tu	Parson Brownlow d., '77	☾	2 47	4 58	6 57	2 51	5 1	6 53	2 48	5 19	6 36	2 32			
30	We	Ohio admitted, 1802	☾	2 56	4 57	6 58	3 18	5 0	6 54	3 17	5 18	6 36	3 5			

CHLORIDE of lime should be scattered, at least once a week, under sinks and in all places where sewer gas is liable to lurk.

No, my son, a mouse does not grow into a rat any more than a dude ever becomes a man. Quite a different race in either case.

Drawn * upward * by * the * Sun's * Rays,

MOUNTS the poison of Miasma, that permeating the air, creeps into our systems through our lungs, breeding all forms of malarial complaints, sometimes fevers, sometimes dumb ague—a very obstinate form of malaria, sometimes others difficult of classification. Happily a means has been found of inducing the system with the power of resistance to these ailments. *Hostetter's Stomach Bitters*, used by those who are subjected to danger from the endemic, so braces the physical organism, gives such an impetus to digestion and secretion, that the system is put in capital trim to meet temporarily, or even to dwell in propinquity to influences of climate, food and water dangerous to health.

On long voyages and fatiguing overland journeys, it is always well to be

provided with a medicine of somewhat comprehensive scope. If the choice fall upon Hostetter's Stomach Bitters, the result, in case of need, will justify the selection, and show it to be wise. The evidence of those who have led lives of vicissitude on land and sea, and who have visited and sojourned in many countries, leads to the irresistible conclusion, that no finer general medicinal cordial for the professional voyager, or the tourist for pleasure, exists. Not only malaria is rendered powerless for harm, but constipation, liver derangement, dyspepsia, rheumatism and kidney complaints are overcome by it. Ship surgeons, captains on the leading European steamship lines, skippers of vessels trading to the East and West Indies, South America and the Levant, are familiar with its remedial value.

A WESTERN barber has perpetrated the following:

I see before me the gladiator lie;
He leans upon the chair and shuts his eye,
His brow is lathered and his noble cheek
Has not been barbered for at least a week.
Ah! I could fetch him now—one little stroke
Across his wind-pipe and the wretch would croak;

And will I? No! I will not tap his breath,
'Tis sweeter far to talk the man to death.

MATTIE persisted in running off to a neighbor's, and her mother said; "If you go out of that gate again, Mattie, I'll whip you." In a short time Mattie was discovered on forbidden ground, and was led home. "Now, Mattie, what did I tell you?" "Mamma, I didn't go out of the gate; I climbed over the fence."

WHEN the girl who has encouraged a young man for several years suddenly tells him she can never be more than a sister to him, he can for the first time see the freckles on her nose.

CONTAGIOUS AND ERUPTIVE DISEASES.

It will often relieve a mother's anxiety to know how long, after a child has been exposed to a contagious disease, that there is danger that the disease has been contracted. The following table gives the *period of incubation*, or *anxious period*, of the more important diseases:

DISEASE.	SYMPTOMS USUALLY APPEAR ON	ANXIOUS PERIOD RANGES.
Chicken Pox,.....	14th day.	10 to 18 days
Diphtheria,	2d day.	2 to 5 days
Measles,	14th day.	10 to 14 days
Mumps,	19th day.	16 to 24 days
Rotheln,	14th day.	12 to 20 days
Scarlet Fever,.....	4th day.	1 to 7 days
Small Pox,.....	12th day.	1 to 14 days
Typhoid Fever	21st day.	1 to 28 days
Whooping Cough,...	14th day.	7 to 14 days

ALTHOUGH ten thousand altars bear,
On each to heaven a separate prayer,
By light of sun and light of moon,
At Freedom's we must all be one.



MOON'S PHASES.				BOSTON.				PITTSBURGH.				NEW ORLEANS.			
				D.	H.	M.		D.	H.	M.		D.	H.	M.	
②	FULL MOON.....			4	4	25	Eve.	4	3	49	Eve.	4	3	9	Eve.
④	LAST QUARTER.....			11	11	37	Mor.	11	11	1	Mor.	11	10	21	Mor.
①	NEW MOON.....			18	3	34	Eve.	18	2	58	Eve.	18	2	18	Eve.
③	FIRST QUARTER.....			26	5	50	"	26	5	14	"	26	4	34	"

Days.		HISTORICAL EVENTS.	Moon's Con.	Sun Fast.	Sun rises.	Sun sets.	Moon sets.	Sun rises.	Sun sets.	Moon sets.	Sun rises.	Sun sets.	Moon sets.
Month.	Week.												
				M. S.	M. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.

1	Th	Gen. Preston died, 1881	mp	3 3	4 55	6 59	3 43	4 59	6 55	3 43	5 17	6 37	3 38
2	Fri	Battle of Lutzen, 1813	mp	3 10	4 54	7 0	4 7	4 57	6 56	4 8	5 17	6 38	4 10
3	Sa	Farragut in N. Orle's, '62	mp	3 17	4 53	7 1	4 32	4 56	6 57	4 34	5 16	6 38	4 42

(18.) 4th SUNDAY AFTER EASTER.

John 16.

Day's Length, (Pitts.) 14 h. 3 m.

4	S	Grant cross Rapidan, '64	△	3 23	4 51	7 2	RISE.	4 55	6 53	RISE.	5 15	6 39	RISE.
5	Mo	Napoleon I. died, 1821	△	3 28	4 50	7 3	8 10	4 54	6 59	8 6	5 14	6 39	7 46
6	Tu	Battle of Oswego, 1814	△	3 33	4 49	7 5	9 23	4 53	7 0	9 18	5 13	6 40	8 53
7	We	Socrates died, B. C. 399	△	3 38	4 48	7 6	10 34	4 51	7 1	10 29	5 12	6 41	10 0
8	Th	Dante born, 1265	△	3 41	4 46	7 7	11 38	4 50	7 2	11 32	5 11	6 41	11 2
9	Fri	J. S. Mill died, 1873	△	3 45	4 45	7 8	MOR.	4 49	7 3	MOR.	5 11	6 42	11 59
10	Sa	Battle of Lodi, 1796	△	3 47	4 44	7 9	0 33	4 48	7 4	0 28	5 10	6 43	MOR.

(19.) ROGATION SUNDAY.

John 16.

Day's Length, (Pitts.) 14 h. 18 m.

11	S	Minnesota admitted, '58	△	3 49	4 43	7 10	1 17	4 47	7 5	1 13	5 9	6 43	0 49
12	Mo	Battle Spotsylvania, 1864	△	3 51	4 42	7 11	1 53	4 48	7 6	1 50	5 8	6 44	1 32
13	Tu	Vienna taken, 1809	△	3 51	4 41	7 12	2 25	4 45	7 7	2 23	5 8	6 45	2 12
14	We	Henry Grattan died, '20	△	3 52	4 40	7 13	2 53	4 44	7 8	2 53	5 7	6 45	2 48
15	Th	Trial by Jury, 970	△	3 51	4 39	7 14	3 19	4 43	7 9	3 20	5 6	6 46	3 22
16	Fri	Conkling resigned, 1881	△	3 50	4 38	7 15	3 43	4 42	7 10	3 46	5 6	6 47	3 54
17	Sa	Asa Packer died, 1879	△	3 49	4 37	7 16	4 9	4 42	7 11	4 13	5 5	6 47	4 27

(20.) SUNDAY AFTER ASCENSION.

John 15-16.

Day's Length, (Pitts.) 14 h. 31 m.

18	S	O'Brien mobbed, 1887	△	3 47	4 36	7 17	SETS.	4 41	7 12	SETS.	5 5	6 48	SETS.
19	Mo	Cuba discovered, 1494	△	3 44	4 35	7 18	8 18	4 40	7 13	8 13	5 4	6 48	7 48
20	Tu	Hawthorne died, 1864	△	3 41	4 34	7 19	9 20	4 39	7 14	9 15	5 4	6 49	8 46
21	We	Thos. A. Scott died, 1881	△	3 37	4 33	7 20	10 16	4 38	7 15	10 10	5 3	6 50	9 40
22	Th	Victor Hugo died, 1885	△	3 33	4 32	7 21	11 5	4 33	7 15	11 0	5 3	6 50	10 29
23	Fri	2d Charter of Va., 1809	△	3 28	4 31	7 22	11 47	4 37	7 16	11 42	5 2	6 51	11 14
24	Sa	Copernicus died, 1543	△	3 23	4 30	7 23	MOR.	4 36	7 17	MOR.	5 2	6 52	11 55

(21.) PENTECOST—WHIT SUNDAY.

John 14.

Day's Length, (Pitts.) 14 h. 43 m.

25	S	R. W. Emerson b., 1803	△	3 17	4 30	7 24	0 23	4 35	7 18	0 19	5 1	6 52	MOR.
26	Mo	Dantzic taken, 1807	△	3 11	4 29	7 25	0 53	4 35	7 19	0 50	5 1	6 53	0 31
27	Tu	Paris Commune sur., '71	△	3 4	4 28	7 26	1 20	4 34	7 19	1 18	5 1	6 53	1 4
28	We	Louis Agassiz born, 1807	△	2 57	4 28	7 27	1 45	4 34	7 20	1 44	5 0	6 54	1 36
29	Th	Ben. Perley Poore d., '87	△	2 49	4 27	7 27	2 9	4 33	7 21	2 9	5 0	6 54	2 7
30	Fri	Decoration Day.	△	2 41	4 27	7 28	2 33	4 33	7 22	2 35	5 0	6 55	2 39
31	Sa	A. Boleyn crowned, 1535	△	2 33	4 26	7 29	2 58	4 32	7 23	3 1	5 0	6 55	3 12

DEAN STANLEY SAYS: Our leisure hours are among those that have the most importance in moulding our characters. Our

working hours are very important, but our leisure hours are those that form our tastes and our habits.

An * Immediate * Cessation * of * Pain

IN acute or chronic rheumatism, or in neuralgia, would be like a taste of Elysium to an inhabitant of the Inferno. Did any outward application ever confer it fully. We doubt it. Certainly no *internal* medicine, that we are aware of, ever did or can. *Prevention* is the true way with these excruciating ailments, as with other maladies. It is in the *incipient* stage that they are susceptible of cure, although a genuine blood depurent, used with continuity, will undoubtedly afford relief in chronic cases.

Hostetter's Stomach Bitters

is a useful and safe specific, the use of which is strongly to be recommended in every phase of these complaints, as a means of tranquillizing the nerves, but more particularly at the outset. If after a wetting in stormy

weather, sitting in a draught, or other inductive cause, the preliminary twinges in the bones and muscles are felt, recourse cannot be had too soon to this benign counteracting depurent. Whatever be the rationale of its action in rheumatic and neuralgic ailments—and the person benefited cares little to inquire into this—no fact in regard to it is more amply authenticated than that it will arrest the progress, if time is “taken by the forelock,” and its aid sought at once, and furthermore, that it will in any stage afford relief, by reason of its anodyne and nerve-quieting properties. It will prove to be the part of wisdom, besides always removing damp upper clothing, and wet stockings and shoes as soon as possible, to swallow immediately thereafter, a wineglassful of this efficient safeguard.

EXPECTATION OF HUMAN LIFE.

After the first year the chances of living increase up to the fourth year, and then slowly decline. The average life of the following occupations are here given:

YEARS.	YEARS.
Rural Laborers, 45.32	Stone Masons, .. 38.19
Carpenters, 45.28	Plumbers, 58.18
Domestics, 42.03	Mill Operatives 38.09
Bakers, 41.92	Blacksmiths, 37.96
Shoemakers, 40.87	Bricklayers, 37.70
Weavers, 41.92	Printers, 36.66
Tailors, 39.40	Clerks, 34.99
Hatters, 38.91	Average popul'n 39.88

TO WRITE ON GLASS.—An ink that will write on glass can be made from ammonium fluoride, dissolved in water, and mixed with three times its weight of barium sulphate.

LIME may be said to exert a three-fold influence as a fertilizer. It is a direct source of plant food; it unlocks and renders available the stores of inert food, both mineral and organic, contained in the soil; and it ameliorates the texture of clays.

With fame, in just proportion, envy grows,
The man that makes a character makes foes;
Slight, peevish insects round a genius rise,
As a bright day awakes a world of flies;
With hearty malice, but with feeble wing,
They show they live, they flutter and they sting;

But, as by depredations, wasps proclaim
The fairest fruits, so these the fairest fame.

“REMEMBER the example of George Washington, my boy,” said the careful father. “Who was George Washington, papa?” queried the hopeful. “Why, he was the man who couldn’t tell a lie, of course.” “What was the matter with him—couldn’t he talk?” There was much anxiety in the parental mind as to the youngster’s future.

SUNDAY school scholar to teacher of a colored Sunday school class, who has related the parable of the prodigal son: “Well, I don’t think he was very smart to eat husks when hungry. Why didn’t he kill one of dem little pigs?”

6th
Mon.30
Days

MOON'S PHASES.				BOSTON.				PITTSBURGH.				NEW ORLEANS.			
				D. H. M.				D. H. M.				D. H. M.			
☾	FULL MOON,	.....		3	1	50	Mor.	3	1	14	Mor.	3	0	34	Mor.
☾	LAST QUARTER,	.....		9	5	6	Eve.	9	4	30	Eve.	9	3	50	Eve.
☾	NEW MOON,	.....		17	5	14	Mor.	17	4	38	Mer.	17	3	58	Mor.
☾	FIRST QUARTER,	.....		25	9	9	"	25	8	33	"	25	7	53	"
Days.	HISTORICAL EVENTS.			Sun	Sun	Sun	Moon	Sun	Sun	Sun	Moon	Sun	Sun	Sun	Moon
Month.	Week.				Fast.	rises.	sets.	sets.	rises.	sets.	sets.	rises.	sets.	sets.	
					M. S.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.

(22.) TRINITY SUNDAY.

John 3.

Day's Length, (Pitts.) 14 h. 51 m.

1	S	Gen. Shields died, 1879	☾	2 24	4 26	7 30	3 27	4 32	7 23	3 31	4 59	6 56	3 48
2	Mo	Riots in London, 1780	☾	2 15	4 25	7 30	4 0	4 31	7 24	4 6	4 59	6 56	4 29
3	Tu	Battle Cold Harbor, 1864	☾	2 5	4 25	7 31	RISE.	4 31	7 25	RISE.	4 59	6 57	RISE.
4	We	Battle Magenta, 1859	☾	1 55	4 24	7 32	9 25	4 31	7 26	9 19	4 59	6 57	8 49
5	Th	Maxwell convicted, 1886	☾	1 45	4 24	7 33	10 23	4 31	7 26	10 20	4 58	6 58	9 50
6	Fri	Patrick Henry died, 1799	☾	1 34	4 24	7 33	11 15	4 30	7 27	11 10	4 58	6 58	10 45
7	Sa	Robert Bruce died, 1329	☾	1 23	4 23	7 34	11 56	4 30	7 27	11 53	4 58	6 59	11 33

(23.) 1st SUNDAY AFTER TRINITY.

Luke 16.

Day's Length, (Pitts.) 14 h. 58 m.

8	S	Thomas Paine died, 1809	☾	1 12	4 23	7 35	MOR.	4 30	7 28	MOR.	4 58	6 59	MOR.
9	Mo	Partition of Poland, 1772	☾	1 1	4 23	7 35	0 29	4 30	7 29	0 28	4 58	7 0	0 13
10	Tu	De Soto landed, 1539	☾	0 49	4 22	7 36	0 58	4 30	7 29	0 57	4 58	7 0	0 50
11	We	Ben. Jonson born, 1574	☾	0 37	4 22	7 36	1 24	4 29	7 30	1 25	4 58	7 1	1 24
12	Th	New York incorp., 1665	☾	0 24	4 22	7 37	1 49	4 29	7 30	1 51	4 58	7 1	1 57
13	Fri	Battle of Ghent, 1794	☾	0 12	4 22	7 37	2 14	4 29	7 31	2 17	4 58	7 1	2 30
14	Sa	Arnold died, 1801	☾	Slow.	4 22	7 38	2 41	4 29	7 31	2 45	4 58	7 2	3 4

(24.) 2d SUNDAY AFTER TRINITY.

Luke 14.

Day's Length, (Pitts.) 15 h. 2 m.

15	S	Arkansas admitted, 1836	☾	0 14	4 22	7 38	3 11	4 29	7 31	3 17	4 58	7 2	3 40
16	Mo	Great Eclipse, 1806	☾	0 26	4 22	7 38	3 46	4 29	7 32	3 53	4 58	7 2	4 21
17	Tu	Jerome Bonaparte d., '70	☾	0 39	4 22	7 39	SETS.	4 29	7 32	SETS.	4 58	7 3	SETS.
18	We	Battle Malakoff, 1855	☾	0 52	4 22	7 39	9 0	4 29	7 32	8 54	4 58	7 3	8 24
19	Th	War of 1812 declared.	☾	1 6	4 23	7 39	9 45	4 29	7 32	9 40	4 59	7 3	9 11
20	Fri	Summer begins.	☾	1 19	4 23	7 40	10 23	4 29	7 32	10 18	4 59	7 3	9 53
21	Sa	Victoria's Jubilee, 1887	☾	1 32	4 23	7 40	10 55	4 30	7 33	10 51	4 59	7 4	10 31

(25.) 3d SUNDAY AFTER TRINITY.

Luke 15.

Day's Length, (Pitts.) 15 h. 3 m.

22	S	Machiavelli died, 1527	☾	1 45	4 23	7 40	11 23	4 30	7 33	11 21	4 59	7 4	11 5
23	Mo	Liebnitz born, 1646	☾	1 58	4 23	7 40	11 48	4 30	7 33	11 47	5 0	7 4	11 36
24	Tu	Bat. Bannockburn, 1314	☾	2 11	4 24	7 40	MOR.	4 30	7 33	MOR.	5 0	7 4	MOR.
25	We	Gen. Custer defeated, '76	☾	2 23	4 24	7 40	0 11	4 31	7 33	0 11	5 0	7 4	0 6
26	Th	George IV. died, 1830	☾	2 36	4 24	7 40	0 34	4 31	7 34	0 35	5 0	7 4	0 37
27	Fri	C. Vanderbilt born, 1794	☾	2 48	4 25	7 40	0 58	4 32	7 34	1 0	5 1	7 5	1 8
28	Sa	James Madison d., 1836	☾	3 1	4 25	7 40	1 24	4 32	7 34	1 28	5 1	7 5	1 42

(26.) 4th SUNDAY AFTER TRINITY.

Luke 6.

Day's Length, (Pitts.) 15 h. 1 m.

29	S	Jacob Sharp convict., '87	☾	3 13	4 25	7 40	1 54	4 33	7 34	1 59	5 1	7 5	2 19
30	Mo	Tax on Tea, 1767	☾	3 24	4 26	7 40	2 30	4 33	7 34	2 36	5 2	7 5	3 2

"ARE you in favor of enlarging the curriculum?" asked a rural school director of a farmer in his district. "Enlarge nothing,"

replied the old gentleman, "the building's big enough; what we want is to teach more things to the scholars."



NOT SO SERIOUS AFTER ALL.

COLORED DOCTOR.—"I guess it yain't so serious, aunty; with a little care I reckon de old man 'll pull through all right."

AUNTY.—"T'ank heaben, doctor! I was awful skeered, 'case dar warn't a cent in de house fo' to buy enny mournin' wif."

BE logical, my son, whatever else you are. You go to the bald-headed man for your hair-restorer; the doctor who prescribes for your diseased stomach is slowly dying of the dyspepsia, and the preacher who exhorts you to take no thought of the morrow, has taken a lease of his house for ten years. Then why should n't you expect that the man without a cent to his name, or a whole shirt to his back, should be better able than anybody else to tell you how poverty is to be abolished?

From William S. Simons, Madisonville, Ky.,
October 4, 1887:

I have been in the habit of getting your Hostetter's Stomach Bitters for my family for the last twenty years, and have always recommended it to others as the best in the market for dyspepsia and diarrhea. I have used your Bitters so much, and always with good results, that I want no other. I have seen some grand cures by your Bitters.

From Dr. A. Boppert, Richmond, Ind., May
25, 1887:

There is more medical virtue and strength in the combination of your Hostetter's Stomach Bitters than in any bitters in the market, and it sells better than any of them. In cholera time, in Newport, Ky., I sold it by the tray load.

THERE is a clever lad who will get his living in this world, and no mistake. For playing truant maternal authority had cut off his supper. Casting one fond look at the authoress of his being, he paused at the door to say: "Mother, I am going to die, and when I am no more I wish the doctor to cut me open and look at my stomach." The maternal heart was filled with awful forebodings, and she asked what he meant. "I wish it to be known," he answered, "that I died of starvation." This was enough. The small boy retired to his little bed gorged to repletion.

7th
Mon.31
Days

MOON'S PHASES.				BOSTON.				PITTSBURGH.				NEW ORLEANS.			
				D.	H.	M.		D.	H.	M.		D.	H.	M.	
☾	FULL MOON,	.....		2	9	39	Mor.	2	9	3	Mor.	2	8	23	Mor.
☾	LAST QUARTER,	.....		8	11	59	Eve.	8	11	23	Eve.	8	10	43	Eve.
☾	NEW MOON,	.....		16	8	5	"	16	7	29	"	16	6	49	"
☾	FIRST QUARTER,	.....		24	10	0	"	24	9	24	"	24	8	44	"
☾	FULL MOON,	.....		31	4	40	"	31	4	4	"	31	3	24	"
Days.	HISTORICAL EVENTS.			Sun	Sun	Sun	Moon	Sun	Sun	Sun	Moon	Sun	Sun	Sun	Moon
Month.	Week.			Slow.	rises.	sets.	sets.	rises.	sets.	sets.		rises.	sets.	sets.	
				M. S.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
1	Tu	Smithson's Gift, 1836	M	3 36	4 26	7 40	3 16	4 34	7 33	3 23	5	2	7	5	3 54
2	We	J. A. Garfield shot, 1881	M	3 47	4 27	7 40	RISE.	4 34	7 33	RISE.	5	2	7	5	RISE.
3	Th	Fort Erie taken, 1814	M	3 53	4 27	7 40	9 6	4 35	7 33	9 1	5	3	7	5	8 33
4	Fri	Independence Day.	M	4 9	4 28	7 40	9 51	4 36	7 33	9 47	5	3	7	5	9 25
5	Sa	Jerusalem taken, 1100	M	4 19	4 29	7 39	10 29	4 36	7 33	10 20	5	4	7	5	10 10
(27.) 5th SUNDAY AFTER TRINITY.				Luke 5.				Day's Length, (Pitts.) 14 h. 55 m.							
6	S	John Huss burnt, 1415	M	4 29	4 29	7 39	11 1	4 37	7 32	11 0	5	4	7	4	10 50
7	Mo	R. B. Sheridan died, '16	M	4 39	4 30	7 39	11 28	4 37	7 32	11 28	5	5	7	4	11 25
8	Tu	Battle Ticonderoga, 1758	M	4 48	4 31	7 38	11 53	4 38	7 32	11 54	5	6	7	4	11 59
9	We	Crimean War ends, 1855	M	4 57	4 31	7 38	MOR.	4 30	7 32	MOR.	5	6	7	4	MOR.
10	Th	Miss Dix died, 1887	M	5 6	4 32	7 38	0 19	4 39	7 31	0 21	5	6	7	4	0 32
11	Fri	J. Q. Adams born, 1767	M	5 14	4 33	7 37	0 45	4 40	7 31	0 49	5	7	7	4	1 6
12	Sa	Cæsar born, B. C. 100	M	5 22	4 33	7 37	1 13	4 40	7 30	1 19	5	7	7	3	1 41
(23.) 6th SUNDAY AFTER TRINITY.				Matt. 5.				Day's Length, (Pitts.) 14 h. 49 m.							
13	S	Revol. in England, 1688	M	5 29	4 34	7 36	1 46	4 41	7 30	1 52	5	8	7	3	2 20
14	Mo	Alfred Krupp died, 1887	M	5 36	4 35	7 35	2 24	4 42	7 29	2 31	5	8	7	3	3 2
15	Tu	Stony Point taken, 1778	M	5 42	4 36	7 35	3 8	4 43	7 29	3 15	5	9	7	2	3 49
16	We	Freedman's Bur. est. '66	M	5 48	4 37	7 34	SETS	4 43	7 28	SETS	5	9	7	2	SETS
17	Th	Isaac Watts born, 1674	M	5 53	4 38	7 34	8 22	4 44	7 28	8 17	5	10	7	2	7 50
18	Fri	Dean Stanley died, 1881	M	5 58	4 38	7 33	8 57	4 45	7 27	8 53	5	10	7	1	8 31
19	Sa	Battle Winchester, 1864	M	6 2	4 39	7 32	9 26	4 46	7 26	9 23	5	11	7	1	9 6
(29.) 7th SUNDAY AFTER TRINITY.				Mark 8.				Day's Length, (Pitts.) 14 h. 38 m.							
20	S	Protestant Massacr., 1620	M	6 6	4 40	7 31	9 52	4 47	7 25	9 50	5	11	7	0	9 38
21	Mo	Battle Shrewsbury, 1403	M	6 9	4 41	7 30	10 15	4 47	7 25	10 14	5	12	7	0	10 8
22	Tu	Atlantic Cable laid, 1865	M	6 12	4 42	7 29	10 37	4 48	7 24	10 38	5	13	6	59	10 37
23	We	Emmett's Insurrect. 1803	M	6 14	4 43	7 29	11 0	4 49	7 23	11 2	5	13	6	59	11 8
24	Th	Battle Niagara, 1759	M	6 15	4 44	7 28	11 25	4 50	7 22	11 28	5	14	6	58	11 40
25	Fri	Judge Clifford died, 1881	M	6 16	4 45	7 27	11 52	4 51	7 21	11 56	5	14	6	58	MOR.
26	Sa	Robert Fulton born, 1765	M	6 16	4 46	7 26	MOR.	4 51	7 21	MOR.	5	15	6	57	0 14
(30.) 8th SUNDAY AFTER TRINITY.				Matt. 7.				Day's Length, (Pitts.) 14 h. 28 m.							
27	S	Fort George taken, 1813	M	6 16	4 47	7 25	0 21	4 52	7 20	0 30	5	15	6	57	0 53
28	Mo	Rosespiere execut., 1794	M	6 14	4 48	7 24	1 4	4 53	7 19	1 11	5	16	6	56	1 40
29	Tu	Charles X. dethroned '30	M	6 13	4 49	7 23	1 54	4 54	7 18	2 1	5	17	6	55	2 34
30	We	Cook first sailed, 1768	M	6 10	4 50	7 22	2 55	4 55	7 17	3 3	5	17	6	55	3 36
31	Th	Ignatius Loyola d., 1556	M	6 8	4 51	7 21	RISE.	4 56	7 16	RISE.	5	18	6	54	RISE.

At the height of a hot discussion between two Jews, one cried, "Goodness! don't eat me!" The other replied, "Get out now; you know our religion forbids it."

The death rate of the world is computed at 67 a minute, 97,700 a day, and 35,639,835 a year; while the birth rate is 79 a minute, 100,500 a day, and 36,792,000 a year.

Nerves * that * Vibrate * Painfully

A T sudden noises, like the violent closing of a door, the irruption of noisy children into a room, the wheezing of an asthmatic hand-organ, or the squall of a night-prowling cat—nerves of which the exceeding sensitiveness keeps the owner awake at night, despite other conditions favorable to sleep, urgently need soothing. But how? With narcotics? With sedatives? With neither of these? How then? By initiating sound digestion, the grand inductor of nerve vigor and quietude; by perpetuating it until restored upon a permanent basis, through the aid of America's chief tonic and nerve invigorant, *Hostetter's Stomach Bitters*. The best medical authorities admit that much of the prevalent insomnia or sleeplessness, the worst, because the most brain de-

structive type of nervousness, is attributable *solely* to chronic indigestion. The nerves of the stomach re-infused with vigorous tone, their new endowment finds a speedy counterpart in the gift of tranquillity to the organ of thought, whose nervous tissues, worn with many sleepless nights and troublous days, sadly need it. Woo nervous vigor, therefore, where it is never sought in vain, by using the Bitters, where the pursuit involves no danger, and where the recompense comes not in the form of temporary relief, but permanent benefit. Recollect always that growing debility, ever fatal to nerve quietude, is the sure precursor of the overthrow of general health, that the foundation of vigor once sapped, and allowed to remain in disrepair, the entire superstructure must soon tumble—a hopeless ruin.

UNION LOSSES DURING WAR.

CAUSE OF DEATH.	OFFICERS.	MEN.
Killed or died of wounds,.....	6,865	103,673
Died of disease,.....	2,795	221,791
Drowned,.....	106	4,833
Other accidental deaths,.....	142	3,972
Murdered,.....	37	437
Killed after capture,.....	14	86
Committed suicide,.....	26	365
Executed,.....	.....	267
Executed by enemy,.....	4	60
Died from sunstroke,.....	5	308
Other known causes,.....	62	1,972
Causes not stated,.....	28	12,093
TOTAL,.....	9,584	349,912

BISHOP WHITE, of Pennsylvania, was sitting one day at dinner with that bold and perhaps unscrupulous financier of the Revolutionary times, Robert Morris, when the latter said: "Bishop, I have made my will, and have devised to you all my impudence." "In that case," replied the Bishop, "you

have certainly left me the greater part of your estate." "Yes, Bishop," interposed Mrs. White, "and it is plain that you have entered immediately upon your inheritance,"

INFLUENCE OF HOT AND COLD BATHS.—A French investigator has recently studied the influence of cold and hot baths upon the respiratory and nutritive processes. His conclusion is that under the influence of cold baths more oxygen is absorbed and more carbonic acid is expelled. At the same time more air passes through the lungs. Hot baths operate in a similar manner, but in a less marked degree.

SMALL repeated doses of sulphur are highly extolled by an English surgeon in the treatment of diphtheria. Fifteen grains of milk of sulphur may be suspended in an ounce of mucilage, and flavored agreeably. Of this a teaspoonful or more may be taken every half hour or hour, according to the age of the patient.

THE occasional washing of the hands with corn meal and borax soap, in tepid water, helps to keep them soft and smooth, and glycerine mixed with lemon juice is excellent.



CLEARLY AN IMPERTINENCE.

SELF-POSSESSED TRAMP.—“Will any gentleman—”

BROWN (to intending almsgiver).—“Don't give him anything; he's been here before to-day.”

SELF-POSSESSED TRAMP (loftily).—“Will you have the kindness not to meddle with my business affairs?”

Not a great while ago one man told another that he believed he had resorted to deception in carrying out his plans. This did not seem to excite the accused. But the speaker went on: “I say you either resorted to deception, or you were outgeneraled.” As soon as he made this charge the man was greatly roused. Alas! how many there are who would rather be recognized as scoundrels than be considered fools.

From E. J. Derr, Fontana, Kansas, February 2, 1887:

Will say that your Hostetter's Stomach Bitters are what they are represented to be. For general debility, tonic, or an appetizer, they cannot be excelled.

PEOPLE who go into the woods never need to get lost, according to old Allen Thompson, who says: “I never use a compass; in fact I don't need any. There are three sure ways that I have for finding the points of the compass. You will notice that three-fourths of the moss on trees grows on the north side; the heaviest boughs on spruce trees are always on the south side; and,

thirdly, the topmost twig of every uninjured hemlock tips to the east. Remember these things and you'll never get lost.”

From Henry Zissinger, Galveston, Texas, May 7, 1887:

I have been using your Hostetter's Stomach Bitters for rheumatism, and it has helped me a great deal; while using it I did not have any rheumatism.

“MAMMA, are we all worms?” asked a small Detroit boy of his mother last Sunday. “Why, no, child! what put such an idea into your head?” “'Cause the minister said in his sermon this morning that we were poor worms, and papa told sis she was a bookworm. What kind of a worm am I?” “You must be a glowworm, dear, you are so bright!”

From Dr. E. Wood, Granby, Missouri, March 29, 1887:

I still recommend Hostetter's Stomach Bitters as superior to all others, and the standard Bitters of the United States, which they really are.

9th
Mon.



30
Days

SEPTEMBER

MOON'S PHASES.				BOSTON.				PITTSBURGH.				NEW ORLEANS.			
				D. H. M.				D. H. M.				D. H. M.			
☾	LAST QUARTER,			5 10 45 Eve.				5 10 9 Eve.				5 9 29 Eve.			
☾	NEW MOON,.....			14 3 9 Mor.				14 2 33 Mor.				14 1 53 Mor.			
☾	FIRST QUARTER,.....			21 5 21 Eve.				21 4 45 Eve.				21 4 5 Eve.			
☾	FULL MOON,.....			28 8 16 Mor.				28 7 40 Mor.				28 7 0 Mor.			
Days.		M. S.	Sun	Sun	Sun	Moon	Sun	Sun	Moon	Sun	Sun	Moon			
Month.	Week.														
HISTORICAL EVENTS.				Fast.	rises.	sets.	rises.	rises.	sets.	rises.	rises.	sets.	rises.		
				M. S.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.		
1	Mo	Copenhagen surre., 1807	☾	0 13	5 24	6 34	8 19	5 27	6 33	8 21	5 37	6 23	8 27		
2	Tu	New Style adopted, 1752	☾	0 32	5 26	6 33	8 46	5 28	6 31	8 49	5 37	6 21	9 2		
3	We	Treaty Peace ratif., 1783	☾	0 52	5 27	6 31	9 15	5 29	6 29	9 19	5 38	6 20	9 38		
4	Th	Forest Fires in Mich., '81	☾	1 11	5 28	6 29	9 46	5 30	6 28	9 52	5 38	6 19	10 16		
5	Fri	Bonnar died, 1569	☾	1 31	5 29	6 28	10 21	5 31	6 26	10 28	5 39	6 18	10 57		
6	Sa	Mayflower sails, 1620	☾	1 51	5 30	6 26	11 2	5 32	6 24	11 9	5 39	6 17	11 42		
(36.) 14th SUNDAY AFTER TRINITY.				Luke 17.				Day's Length, (Pitts.) 12 h. 49 m.							
7	S	Q. Elizabeth born, 1536	☾	2 11	5 31	6 24	11 49	5 33	6 22	11 57	5 40	6 15	MOR.		
8	Mo	Bat. Eutaw Springs, 1781	☾	2 32	5 32	6 22	MOR.	5 34	6 21	MOR.	5 40	6 14	0 31		
9	Tu	Geneva Award paid, '73	☾	2 52	5 33	6 21	0 41	5 35	6 19	0 48	5 41	6 13	1 22		
10	We	Judge Story died, 1845	☾	3 13	5 34	6 19	1 37	5 36	6 18	1 44	5 42	6 12	2 15		
11	Th	Mahomet born, 570	☾	3 34	5 35	6 17	2 37	5 37	6 16	2 43	5 42	6 10	3 9		
12	Fri	Bat. Chapultepec, 1847	☾	3 55	5 36	6 15	3 38	5 38	6 14	3 43	5 43	6 9	4 5		
13	Sa	Gen. Burnside died, 1881	☾	4 16	5 37	6 14	4 39	5 39	6 13	4 43	5 43	6 8	4 59		
(37.) 15th SUNDAY AFTER TRINITY.				Matt. 6.				Day's Length, (Pitts.) 12 h. 31 m.							
14	S	Aaron Burr died, 1801	☾	4 37	5 38	6 12	SETS.	5 40	6 11	SETS.	5 44	6 7	SETS.		
15	Mo	Constitution Centen., '87	☾	4 58	5 39	6 10	7 10	5 41	6 10	7 11	5 44	6 6	7 14		
16	Tu	Siege of Puebla, 1847	☾	5 19	5 40	6 8	7 32	5 42	6 8	7 34	5 45	6 4	7 43		
17	We	Washington's farewell, 1796	☾	5 40	5 41	6 7	7 57	5 43	6 6	8 1	5 45	6 3	8 15		
18	Th	Delhi taken, 1857	☾	6 1	5 43	6 5	8 25	5 44	6 4	8 30	5 46	6 2	8 50		
19	Fri	Gen. Garfield died, 1881	☾	6 22	5 44	6 3	8 58	5 44	6 3	9 4	5 46	6 1	9 30		
20	Sa	Bat. Chickamauga, 1863	☾	6 43	5 45	6 1	9 37	5 45	6 1	9 44	5 47	5 59	10 15		
(38.) 16th SUNDAY AFTER TRINITY.				Luke 7.				Day's Length, (Pitts.) 12 h. 13 m.							
21	S	Battle Monterey, 1846	☾	7 4	5 46	6 0	10 25	5 46	5 57	10 33	5 47	5 58	11 7		
22	Mo	Autumn begins.	☾	7 25	5 47	5 58	11 25	5 47	5 57	11 33	5 48	5 57	MOR.		
23	Tu	Major Andre arrest, 1780	☾	7 46	5 48	5 56	MOR.	5 48	5 56	MOR.	5 49	5 56	0 7		
24	We	Gen. Taylor born, 1784	☾	8 7	5 49	5 54	0 34	5 49	5 54	0 41	5 49	5 54	1 13		
25	Th	Montreal taken, 1775	☾	8 28	5 50	5 52	1 49	5 50	5 53	1 55	5 50	5 53	2 21		
26	Fri	Constantinople foun. 329	☾	8 48	5 51	5 51	3 7	5 51	5 51	3 12	5 50	5 52	3 31		
27	Sa	Strasbourg falls, 1870	☾	9 8	5 52	5 49	4 25	5 52	5 49	4 28	5 51	5 51	4 41		
(39.) 17th SUNDAY AFTER TRINITY.				Luke 14.				Day's Length, (Pitts.) 11 h. 55 m.							
28	S	Bat. Marathon. B. C. 490	☾	9 28	5 53	5 47	RISE.	5 53	5 48	RISE.	5 51	5 49	RISE.		
29	Mo	Lord Nelson born, 1756	☾	9 48	5 54	5 45	6 45	5 54	5 46	6 48	5 52	5 48	6 57		
30	Tu	Volunteer b'ts Thistle '87	☾	10 8	5 55	5 44	7 13	5 55	5 45	7 17	5 52	5 47	7 33		

A young clerk was shut six hours in a refrigerator the other day by accident. When at last released, he said he felt as though he had been attending a sociable at a fashionable church.

"WOMEN cannot be satirical," says a writer, "any more than they can be humorous." So? How is it that when a man, after courting a girl for seven years, proposes, she says, "Oh! George, this is so sudden."

Healthful * Stimulation * of * the * Kidneys and * Bladder

ARE what they need when inactive. There are many potent diuretics, but they stimulate excessively. Some are poisons and positively dangerous. These of course must be used in infinitesimal doses, and wear out in action through repeated use, when they become inoperative and useless. It has been found and testified to, by those who have used in the first instance *Hostetter's Stomach Bitters*, or have substituted it for the pseudo-remedies mentioned, that it answers the purpose effectually of arousing, without exciting, the renal and vesical organs, when sluggish. In doing this it achieves a two-fold object. FIRST, the removal from the blood, which is filtered by the kidneys, of impurities that not only beget gout, rheumatism and dropsy, but that disease the organs themselves; and SECOND, of preventing that

disease of their functions which speedily engenders a lethargy that is productive of the ultimate destruction of their substance. Without particularizing, *in extenso*, the maladies which attack the kidneys, it may be mentioned, that the most destructive complaints that engage the attention of physicians—diabetes and Bright's disease—fasten themselves upon these organs more frequently than any others.

When any one feels the necessity of using a diuretic, it is highly desirable, not only that *Hostetter's Stomach Bitters* should be resorted to instead of the excitant medicines alluded to, but also in preference to fiery commercial stimulants, which are usually, when pure, more detrimental than beneficial, since their fiery properties are not modified or controlled by wholesome and efficient medicinal ingredients.

THIS said, in death upon the face
Of Age, a momentary trace
Of Infancy's returning grace

Forestalls decay;

And here, in Autumn's dusky reign,
A birth of blossom seems again
To flush the woodland's fading train
With dreams of May,

THE way to get a ring from a swollen finger is as follows: Wind from the top downwards with a flat rubber braid. Then hold the hand above the head for a brief interval. Repeat this two or three times, and it will be found that the finger will be small enough to remove the ring.

BRAINS will show their quality on the farm as well as anywhere else. They are the best fertilizers. Edmund Burke said it required more intelligence and foresight to be a good farmer, than for any other occupation, and he was right about it.

A FORTUNE teller can hit a woman's case nine times out of ten: "You've had sickness and trouble. You'll have some property fall to you. You do not have full confidence in your husband. Beware! he is deceiving you. You have a very gentle nature. Everybody loves you. You have had trouble with a relative. It was not your fault. Beware of a blue-eyed woman with a mole on her left cheek. She will make you trouble. Good-bye—one dollar—call again."

A KENTUCKIAN with a large jug made a bargain with a countryman to take him four miles over the hill. "How much'll you charge?" "Oh, a couple of swigs of the stuff in that jug'll make it about square, I reckon." After the journey had been made and the strange countryman had taken a swig, he said: "Stranger, I'm a peaceable man, but if you don't want to be chuck full of lead to-night, you'd better find another way to carry yer molasses."

10th
Mon.31
Days

OCTOBER

MOON'S PHASES.				BOSTON.				PITTSBURGH.				NEW ORLEANS.			
				D. H. M.				D. H. M.				D. H. M.			
☾	LAST QUARTER,.....			5	3	39	Eve.	5	3	3	Eve.	5	2	23	Eve.
☾	NEW MOON,.....			13	6	21	"	13	5	45	"	13	5	5	"
☾	FIRST QUARTER,.....			21	0	52	Mor.	21	0	16	Mor.	20	11	36	"
☾	FULL MOON,.....			27	6	58	Eve.	27	6	22	Eve.	27	5	42	"
Days.		HISTORICAL EVENTS.	Moon's Con.	Sun Fast.	Sun rises.	Sun sets.	Moon rises.	Sun rises.	Sun sets.	Moon rises.	Sun rises.	Sun sets.	Moon rises.		
Month.	Week.														
				M. S.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.		
1	We	Landseer died, 1873	☾	10 27	5 57	5 42	7 42	5 56	5 43	7 47	5 53	5 46	8 10		
2	Th	1st R. R. in U. States, '33	☾	10 48	5 58	5 40	8 16	5 57	5 41	8 22	5 53	5 45	8 51		
3	Fri	Captain Jack hung, 1873	☾	11 4	5 59	5 38	8 56	5 58	5 40	9 3	5 54	5 43	9 35		
4	Sa	Battle of Corinth, 1862	☾	11 23	6 0	5 37	9 41	6 0	5 38	9 49	5 55	5 42	10 23		
(40.) 18th SUNDAY AFTER TRINITY.				Matt. 22.				Day's Length, (Pitts.) 11 h. 36 m.							
5	S	Defeat of Cornwallis, 1781	☾	11 41	6 1	5 35	10 32	6 1	5 37	10 40	5 55	5 41	11 14		
6	Mo	Prof. Pierce died, 1880	☾	11 58	6 2	5 33	11 27	6 2	5 35	11 34	5 56	5 40	MOR.		
7	Tu	Battle Stillwater, 1777	☾	12 15	6 3	5 32	MOR.	6 3	5 33	MOR.	5 57	5 39	0 7		
8	We	John Hancock d., 1793	☾	12 32	6 4	5 30	0 25	6 4	5 31	0 32	5 57	5 37	1 0		
9	Th	Lewis Cass born, 1782	☾	12 48	6 6	5 28	1 26	6 5	5 30	1 32	5 58	5 36	1 55		
10	Fri	Kosciusko captured, 1794	☾	13 4	6 7	5 27	2 28	6 6	5 28	2 32	5 58	5 35	2 51		
11	Sa	Afghan War ends, 1844	☾	13 19	6 8	5 25	3 30	6 7	5 26	3 33	5 59	5 34	3 47		
(41.) 19th SUNDAY AFTER TRINITY.				Matt. 9.				Day's Length, (Pitts.) 11 h. 17 m.							
12	S	Robt. Garrett resigns, '87	☾	13 34	6 9	5 23	4 33	6 8	5 25	4 35	6 0	5 33	4 42		
13	Mo	Parnell arrested, 1881	☾	13 48	6 10	5 22	5 36	6 9	5 23	5 37	6 0	5 32	5 36		
14	Tu	Dr. Le Moyne died, 1879	☾	14 2	6 12	5 20	SETS.	6 10	5 22	SETS.	6 1	5 31	SETS.		
15	We	Virgil born, B. C. 70	☾	14 15	6 13	5 18	6 27	6 11	5 20	6 31	6 2	5 30	6 50		
16	Th	Latimer burnt, 1555	☾	14 27	6 14	5 17	6 57	6 12	5 19	7 3	6 3	5 29	7 27		
17	Fri	Bat. Neville's Cross, 1346	☾	14 39	6 15	5 15	7 35	6 13	5 17	7 42	6 3	5 27	8 11		
18	Sa	Prince Eugene born, 1663	☾	14 51	6 16	5 14	8 21	6 14	5 16	8 29	6 4	5 26	9 2		
(42.) 20th SUNDAY AFTER TRINITY.				Matt. 22.				Day's Length, (Pitts.) 10 h. 58 m.							
19	S	H. K. White died, 1806	☾	15 2	6 17	5 12	9 17	6 16	5 14	9 25	6 4	5 25	10 0		
20	Mo	Battle Navarino, 1827	☾	15 12	6 18	5 11	10 21	6 17	5 13	10 28	6 5	5 24	11 2		
21	Tu	Smollett died, 1771	☾	15 21	6 20	5 9	11 33	6 18	5 11	11 39	6 6	5 23	MOR.		
22	We	E. B. Washburne d., 1887	☾	15 30	6 21	5 8	MOR.	6 19	5 10	MOR.	6 6	5 22	0 8		
23	Th	Battle Edgehill, 1642	☾	15 39	6 22	5 6	0 48	6 20	5 8	0 53	6 7	5 21	1 16		
24	Fri	Daniel Webster d., 1852	☾	15 46	6 23	5 5	2 4	6 22	5 7	2 8	6 8	5 20	2 24		
25	Sa	Battle Agincourt, 1415	☾	15 53	6 24	5 3	3 19	6 23	5 5	3 22	6 9	5 19	3 30		
(43.) 21st SUNDAY AFTER TRINITY.				John 4.				Day's Length, (Pitts.) 10 h. 40 m.							
26	S	Doddridge died, 1751	☾	15 59	9 26	5 2	4 34	6 24	5 4	4 35	6 9	5 18	4 35		
27	Mo	Wm. Penn arrived, 1682	☾	16 5	6 27	5 0	5 47	6 25	5 3	5 46	6 10	5 17	5 40		
28	Tu	Earthquake Lima, 1746	☾	16 9	6 28	4 59	RISE.	6 26	5 2	RISE.	6 11	5 17	RISE.		
29	We	John Adams born, 1735	☾	16 13	6 29	4 58	6 12	6 27	5 0	6 18	6 12	5 16	6 43		
30	Th	End of Crusades, 1270	☾	16 16	6 31	4 56	6 49	6 28	4 59	6 56	6 12	5 15	7 26		
31	Fri	Reformation began, 1517	☾	16 19	6 32	4 55	7 32	6 29	4 58	7 40	6 13	5 14	8 13		

"MEAT and mirth," remarked a Scotch matron, "is a' bairn's want till they are turned seven." She is a wise woman in her generation.

WE begin to believe with Barnum that people do love to be humbugged. We know several politicians that are anxiously looking for a Mayor's nest.

Wage * Workers

FREQUENTLY are overtaxed—the mill hand, the clerk, the journeyman, the collier—we might enumerate illimitably. Manufactures, commerce, mining, agriculture, all have imperative demands. In these avocations “time and tide wait for no man.” Peremptory orders must be filled at short notice, consignments and cargoes sent off in haste, grain got in ere the blast lays it low. In the fulfilment of all these conditions, the burden of the heavy toil falls upon the employee. Not only is this so, but capital is not notoriously considerate of labor, and more is often required of a single pair of hands than ought to be demanded of two. The consequence is often grievous fatigue, exhaustion perilous to mind. Where shall tired workers find a tonic compensating for weariness, the result

of bread winning. If the experience of millions of honest toilers be a guide, *Hostetter's Stomach Bitters* is the true medicinal agent to compensate promptly and thoroughly for the loss of strength, the inability to keep up at the unavoidable task, caused by over-exertion. Of course, *daily* overwork will break down, despite a constitution of iron, any man or woman. This no tonic can remedy—but there are times when the pressing exigencies of business demand extraordinary exertion, and when occasionally this depletes vigor and impairs strength. Hostetter's Stomach Bitters is the most active, the safest invigorant. Digestion injured by sedentary occupations is restored by it, and biliousness, rheumatism and kidney complaints are among the ailments for which it is an incomparable remedy.

OCTOBER.

October is the month that seems,
All woven with midsummer dreams;
She brings for us the golden days,
That fill the air with smoky haze,
She brings for us the lisp'ing breeze,
And wakes the gossip in the trees;
Now half the birds forget to sing,
And half of them have taken wing;
What joy for us—what happiness
Shall cheer the day, the night shall bless?
'Tis Hallow-e'en, the very last
Shall keep for us remembrance fast,
When every child shall duck the head
To find the precious pippin red!

DISTANCE OF PLANETS.—The following table gives the distance from the sun of the planets:

	MILES.		MILES.
Mercury,...	36,000,000	Jupiter,...	494,000,000
Venus,.....	68,000,000	Saturn,...	906,000,000
Earth,.....	91,000,000	Uranus,...	1,822,000,000
Mars,.....	145,000,000	Neptune	2,853,000,000
Asteroids, ..	280,000,000		

A PHYSICIAN says that a boil should not be allowed to progress, if it can be stopped at the outset, as the system is more likely to be poisoned than relieved by the gathering matter. The boil should be painted with iodine, and will not amount to anything if taken in the first stage.

DON'T take too much stock in a man who tells you that he doesn't owe a dollar. It maybe that he would owe a good many provided anybody would trust him."

THACKERAY designates a snob as a being on a ladder, who is quite as ready to kiss the feet of him who is above him as to kick the head of him who is below.

AN elastic mucilage is made as follows: To 20 parts of alcohol add 1 part of salicylic acid, 3 parts of soft soap, and 3 parts of glycerine. Shake well, and then add a mucilage made of 93 parts of gum arabic and 180 parts of water. This is said to keep well, and to be thoroughly elastic.

11th
Mon.30
Days

NOVEMBER

MOON'S PHASES.				BOSTON.				PITTSBURGH.				NEW ORLEANS.			
				D.	H.	M.		D.	H.	M.		D.	H.	M.	
☾	LAST QUARTER,.....			4	11	29	Mor.	4	10	53	Mor.	4	10	13	Mor.
☾	NEW MOON,.....			12	8	53	"	12	8	17	"	12	7	37	"
☾	FIRST QUARTER,.....			19	8	0	"	19	7	24	"	19	6	44	"
☾	FULL MOON,.....			26	8	39	"	26	8	3	"	26	7	23	"
Days.				Sun	Sun	Sun	Moon	Sun	Sun	Moon		Sun	Sun	Moon	
Month.	Week.	HISTORICAL EVENTS.			Fast.	rises.	sets.	rises.	sets.	rises.		rises.	sets.	rises.	
					M. S.	H. M.	H. M.	H. M.	H. M.	H. M.		H. M.	H. M.	H. M.	
1	Sa	Earthq. at Lisbon, 1755	☐	16 20	6 33	4 54	8 21	6 30	4 57	8 29	6 14	5 13	9 4		
(44.) 22d SUNDAY AFTER TRINITY.				Matt. 13.				Day's Length, (Pitts.) 10 h. 25 m.							
2	S	Jenny Lind died, 1887	☐	16 21	6 34	4 52	9 15	6 31	4 56	9 23	6 15	5 12	9 57		
3	Mo	Livingstone found, 1870	☐	16 21	6 36	4 51	10 13	6 33	4 54	10 20	6 15	5 12	10 51		
4	Tu	Massacre at Warsaw 1794	☐	16 20	6 37	4 50	11 13	6 34	4 53	11 19	6 16	5 11	11 45		
5	We	Battle Inkermann, 1853	☐	16 18	6 38	4 49	MOR.	6 35	4 52	MOR.	6 17	5 10	MOR.		
6	Th	Gen. Hardee died, 1873	☐	16 16	6 40	4 48	0 15	6 36	4 51	0 20	6 18	5 9	0 41		
7	Fri	Pensacola taken, 1814	☐	16 12	6 41	4 46	1 17	6 37	4 50	1 21	6 18	5 9	1 36		
8	Sa	Col. Drake died, 1880	☐	16 8	6 42	4 45	2 19	6 39	4 40	2 22	6 19	5 8	2 31		
(45.) 23d SUNDAY AFTER TRINITY.				Matt. 22.				Day's Length, (Pitts.) 10 h. 8 m.							
9	S	Fire at Boston, 1872	☐	16 2	6 43	4 44	3 21	6 40	4 48	3 22	6 20	5 7	3 25		
10	Mo	Dr. M'Cosh resigned, '87	☐	15 56	6 45	4 43	4 25	6 41	4 47	4 25	6 21	5 7	4 21		
11	Tu	Chi. Anarchists hung, '87	☐	15 49	6 46	4 42	5 31	6 42	4 46	5 30	6 22	5 6	5 19		
12	We	Montreal captured, 1775	☐	15 42	6 47	4 41	SETS.	6 43	4 45	SETS.	6 23	5 6	SETS.		
13	Th	George Fox died, 1690	☐	15 33	6 48	4 40	5 33	6 45	4 44	5 39	6 23	5 5	6 8		
14	Fri	Guiteau Trial began, '81	☐	15 24	6 50	4 39	6 16	6 46	4 43	6 23	6 24	5 5	6 56		
15	Sa	Dr. Herschel born, 1738	☐	15 13	6 51	4 39	7 10	6 47	4 42	7 18	6 25	5 4	7 53		
(46.) 24th SUNDAY AFTER TRINITY.				Matt. 9.				Day's Length, (Pitts.) 9 h. 53 m.							
16	S	John Brown's raid, 1859	☐	15 2	6 52	4 38	8 13	6 48	4 41	8 21	6 26	5 4	8 55		
17	Mo	Suez Canal opened, 1879	☐	14 50	6 53	4 37	9 22	6 49	4 41	9 29	6 27	5 3	10 0		
18	Tu	George Law died, 1831	☐	14 38	6 55	4 36	10 36	6 51	4 40	10 42	6 28	5 3	11 6		
19	We	Tweed found guilty, 1873	☐	14 24	6 56	4 35	11 51	6 52	4 40	11 55	6 28	5 3	MOR.		
20	Th	Battle Belle Isle, 1759	☐	14 10	6 57	4 34	MOR.	6 53	4 39	MOR.	6 29	5 2	0 13		
21	Fri	Ft. Niagara bomba., 1812	☐	13 54	6 58	4 34	1 5	6 54	4 38	1 8	6 30	5 2	1 19		
22	Sa	St. Ville du Havre'sk, '73	☐	13 39	6 59	4 33	2 18	6 55	4 38	2 19	6 31	5 2	2 24		
(47.) 25th SUNDAY AFTER TRINITY.				John 6.				Day's Length, (Pitts.) 9 h. 40 m.							
23	S	Dr. Parkman killed, 1849	☐	13 22	7 1	4 32	3 30	6 57	4 37	3 30	6 32	5 1	3 20		
24	Mo	Gen. Taylor born, 1784	☐	13 4	7 2	4 32	4 42	6 58	4 37	4 41	6 33	5 1	4 37		
25	Tu	Ft. Duquesne capt., 1755	☐	12 56	7 3	4 31	5 52	6 59	4 36	5 49	6 33	5 1	5 32		
26	We	Queen Isabella d., 1504	☐	12 27	7 4	4 31	RISE.	7 0	4 36	RISE.	6 34	5 1	RISE.		
27	Th	1st Steam Printing, 1814	☐	12 7	7 5	4 30	5 23	7 1	4 35	5 20	6 35	5 0	6 3		
28	Fri	Cardinal Wolsey d. 1530	☐	11 47	7 6	4 30	6 10	7 2	4 35	6 18	6 36	5 0	6 53		
29	Sa	Horace Greely d., 1872	☐	11 26	7 7	4 29	7 3	7 3	4 34	7 11	6 37	5 0	7 46		
(48.) 1st SUNDAY IN ADVENT.				Matt. 21.				Day's Length, (Pitts.) 9 h. 30 m.							
30	S	Dean Swift born, 1667	☐	11 4	7 8	4 29	8 0	7 4	4 34	8 7	6 38	5 0	8 40		

It is said of one fashionable young man that he never paid anything but a compliment.

A WEAK mind is like a microscope, which magnifies trifling things, but cannot receive great ones.



A MATTER OF TASTE.

DAUGHTER.—“Mamma, would n't it be just lovely if we only had necks like that?”

MAMMA.—“Why, my child? What advantage would it be to us?”

DAUGHTER.—“We could taste our ice cream so much longer.”

From John Fitzgerald, Marco, Indiana, May 27, 1887:

Hostetter's Stomach Bitters gives entire satisfaction as a tonic and appetizer, and I can recommend it wherever malarial diseases are known.

THE bitterest tears shed over graves are for words left unsaid, and deeds left undone. “She never knew that I loved her.” “He never knew what he was to me.” “I always meant to make more of our friendship.” Such words are the poisoned arrows which cruel death shoots backward at us from the door of the sepulchre.—H. B. STOWE

From W. M. Mercer, M. D., Corunna, Indiana, May 18, 1887:

Hostetter's Stomach Bitters is as staple as sugar and coffee, in demand every day; have sold it for the last twenty years. It is certainly a household remedy, universally prescribed and admired.

PITT regarded a lawsuit as a luxury, and held that like other luxuries, it ought to be taxed. “Westminster Hall,” said he, “is as open to any man as the London Tavern.” To that Sheridan replied: “He that entereth either of them without money would meet with a very scurvy reception.”

From H. C. Yetter, Burnside, Illinois, April 25, 1887:

When it comes down to a question of genuine merit, Hostetter's Stomach Bitters leads them all. It is a strictly medicinal preparation, and for a tonic it has no superior.

A THREE-YEAR-OLD little girl was taught to close her evening prayer, during the temporary absence of her father, with “and please watch over my papa.” It sounded very sweet, but the mother's amusement may be imagined when she added, “and you had better keep an eye on mamma, too.”

12th
Mon.31
Days

DECEMBER

MOON'S PHASES.		BOSTON.			PITTSBURGH.			NEW ORLEANS.		
		D. H. M.			D. H. M.			D. H. M.		
⑧	LAST QUARTER,.....	4	8	42 Mor.	4	8	6 Mor.	4	7	26 Mor.
⑨	NEW MOON,.....	11	10	27 Eve.	11	9	51 Eve.	11	9	11 Eve.
⑩	FIRST QUARTER,.....	18	3	52 "	18	3	16 "	18	2	36 "
⑪	FULL MOON,.....	26	1	13 Mor.	26	0	37 Mor.	25	11	57 "

Days.		HISTORICAL EVENTS.	Moon's Con.	Sun	Sun	Sun	Moon	Sun	Sun	Moon	Sun	Sun	Moon
Month.	Week.			Fast.	rises.	sets.	rises.	rises.	sets.	rises.	rises.	sets.	rises.
				M. S.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
1	Mo	Emp. Alexander d., 1825	10 42	7 9	4 29	9 0	7 5	4 34	9 7	6 39	5 0	9 35	
2	Tu	Napoleon crowned, 1804	10 19	7 10	4 28	10 1	7 6	4 34	10 7	6 39	5 0	10 20	
3	We	Pres. Grevy resigns, 1887	9 55	7 11	4 28	11 2	7 7	4 33	11 6	6 40	5 0	11 34	
4	Th	Gen. Kilpatrick d., 1881	9 31	7 13	4 28	MOR.	7 8	4 33	MOR.	6 41	5 0	MOR.	
5	Fri	Macbeth slain, 1056	9 6	7 14	4 28	0 3	7 9	4 33	0 6	6 42	5 1	0 18	
6	Sa	Battle of Cawnpore, 1857	8 40	7 15	4 28	1 5	7 10	4 33	1 7	6 43	5 1	1 12	

(49.) 2d SUNDAY IN ADVENT.

Luke 21.

Day's Length, (Pitts.) 9 h. 22 m.

7	S	Cicero assassina'd, B.C. 43	8	14	7	16	4	28	2	8	7	11	4	33	2	9
8	Mo	Vienna Theatre bur. '81	7	48	7	17	4	28	3	13	7	12	4	33	3	12
9	Tu	John W. Forney d., 1881	7	21	7	17	4	28	4	20	7	13	4	33	4	18
10	We	Rowland Hill d., 1842	6	53	7	18	4	28	5	30	7	14	4	33	5	27
11	Th	Charles XII. fell, 1718	6	25	7	19	4	28	6	42	7	15	4	33	6	37
12	Fri	Edwin Forrest d., 1872	5	57	7	20	4	28	SETS.	7	15	4	33	SETS.	6	47
13	Sa	New Zealand disc., 1751	5	29	7	21	4	28	6	0	7	16	4	34	6	8

(50.) 3d SUNDAY IN ADVENT.

Matt. 11.

Day's Length, (Pitts.) 9 h. 13 m.

14	S	Alabama admitted, 1819	5	0	7	22	4	28	7	10	7	16	4	34	7	17
15	Mo	Hartford Convention, '14	4	31	7	22	4	29	8	25	7	17	4	34	8	31
16	Tu	Boston Tea Party, 1773	4	1	7	23	4	29	9	42	7	18	4	34	9	47
17	We	Gen. Bolivar died, 1830	3	32	7	24	4	29	10	57	7	19	4	34	11	0
18	Th	Humphrey Davy b., 1778	3	2	7	24	4	29	MOR.	7	19	4	35	MOR.	6	50
19	Fri	Toulon captured, 1793	2	32	7	25	4	30	0	10	7	20	4	35	0	12
20	Sa	Louisiana annexed, 1803	2	2	7	26	4	30	1	21	7	21	4	35	1	21

(51.) 4th SUNDAY IN ADVENT.

John 1.

Day's Length, (Pitts.) 9 h. 15 m.

21	S	Winter begins.	7	1 33	7 26	4 31	2 30	7 21	4 36	2 29	6 52	5 5	2 21
22	Mo	Landing Plymouth, 1620	7	1 3	7 27	4 31	3 39	7 22	4 36	3 37	6 52	5 5	3 22
23	Tu	Hugh Miller died, 1856	7	0 33	7 27	4 32	4 48	7 22	4 37	3 44	6 53	5 6	4 24
24	We	Leonard Bacon d., 1881	7	Slow.	7 27	4 32	5 56	7 23	4 37	5 50	6 53	5 7	5 24
25	Th	D. Manning died, 1887	7	0 27	7 28	4 33	6 59	7 23	4 38	6 54	6 54	5 7	6 23
26	Fri	Str. Virginus sunk, 1873	7	0 57	7 28	4 34	RISE.	7 23	4 39	RISE.	6 54	5 8	RISE.
27	Sa	E. H. Chayin died, 1880	7	1 26	7 29	4 34	5 48	7 23	4 40	5 56	6 54	5 8	6 29

(52.) 1st SUNDAY AFTER CHRISTMAS.

Matt. 1.

Day's Length, (Pitts.) 9 h. 16 m.

28	S	England rat. Treaty, '14	1	56	7	29	4	35	6	48	7	24	4	40	6	55
29	Mo	Texas a State, 1845	2	25	7	29	4	36	7	49	7	24	4	41	7	55
30	Tu	Buffalo burned, 1813	2	54	7	29	4	36	8	50	7	24	4	42	8	55
31	We	East India Co. estab. 1600	3	22	7	30	4	37	9	52	7	24	4	42	9	55

A LITTLE girl who was looking at a peacock for the first time grew enthusiastic. "Oh, mamma," she said, "hasn't it got a beautiful bustle!"

If any poison is swallowed, drink instantly half a glass of cold water, with a heaping teaspoonful each of common salt and ground mustard stirred into it.

The * Three * Vulnerable * Points,

OF all others, in the animal economy, that disease singles out as salient points of attack, are the stomach, the liver and the bowels. Oddly enough, not content with martyrdom from the combined onslaughts of dyspepsia, biliousness and constipation, many foolish people aggravate these maladies—in saying aggravate, by the way, we speak advisedly and from personal observation of the ill effects of the no-remedies—by injudicious and constant dosing. They seem to take a morbid, and to the reasonable, a most incomprehensible delight in being griped, and purged and salivated. As capricious as they are unwise, they abandon one nostrum for another with appalling suddenness, and are ever on the alert to be, in fact, seem to take a pleasure in being, *bamboozled* by the bombastic announcement of the nostrum vendors! It is an open question whether such people are not monomaniacs—

whether, to use a vulgarism, but an expressive one, there is not a “screw loose” somewhere in their upper stories. Well would it be for these hapless pill and potion swallows, if they were compellable, by some humane edict, to abandon the trash they swallow so ineffectually, and adopt *Hostetter's Stomach Bitters*, a really benign as well as efficient curative for disorders of the stomach, liver and bowels, as well as for malarial complaints, debility, rheumatism and kidney troubles. It is effectual, its use is eminently safe; it is sanctioned by competent and respectable medical authority—experience and popularity are two of its strongest credentials. Should these lines come within the visual observation of any gentleman or lady who has been in the habit of converting him or herself into an animated drug shop, we trust our humanitarian advice will not be disregarded.

THE AGES OF BIRDS.

The following table is from an English source, and claims to be measurably correct as to the ages of the birds mentioned:

Blackbird lives,...	12	Parrot lives.....	60
Blackcap,.....	15	Partridge,.....	15
Canary,.....	24	Peacock,.....	24
Crane,.....	24	Pelican,.....	50
Crow,.....	100	Pheasant,.....	15
Eagle,.....	100	Pigeon,.....	20
Fowl, common,...	10	Raven,.....	100
Goldfinch,.....	15	Robin,.....	12
Goose,.....	50	Skylark,.....	30
Heron,.....	59	Sparrow Hawk,...	40
Lark,.....	13	Swan,.....	100
Linnet,.....	23	Thrush,.....	10
Nightingale,.....	18	Wren,.....	3

WHENEVER a tree is transplanted, and the roots are short and apparently insufficient, cut back the top, and the tree (or vine) will thrive much better than if the branches should remain. The roots are more important than the portion above the ground.

Home's not merely four square walls,
Though with pictures hung and gilded;
Home is where affection calls,
Filled with shrines the heart hath builded;
Home!—go watch the faithful dove,
Sailing 'neath the heaven above us—
Home is where there's one to love,
Home is where there's one to love us.

A LITTLE boy who had been used to receiving his elder brother's old toys and clothes, recently asked: “Ma, shall I have to marry his widow when he dies?”

FOR SUNBURN.—A small bag of oat meal, an inch square, dipped in hot water and applied to the face, is a pleasant remedy for tan and fevered faces.

A NEW pin for the hair or bonnet has the head in the form of an interrogation point. It will be useless, as most women have their tongues put up that way now.

Vigor: * Its * True * Signification.

HERE is a wide misapprehension of this term. Most people, we think, accept it as a synonym for physical strength. Now this is so far from the truth, that there are many persons gifted with phenomenal bodily force, who are the reverse of vigorous. Big men and women, it has often been observed, succumb to exhausting diseases, and particularly fevers, with startling rapidity, while apparently fragile folk often survive tremendous bodily shocks. Vigor, if we apprehend the term rightly, means the ability to eat with appetite, to digest with thoroughness, to think clearly, to sleep soundly, to undergo moderate exertion without excessive fatigue. These benefits *Hostetter's Stomach Bitters* confers upon the inherently debilitated, the convalescent, the nervous

and the dyspeptic. It equips the digestive apparatus with unwonted tone, renews a regular habit of body, and overcomes a tendency to chronic biliousness. For the listless, languid feeling which an impoverished condition of the blood, and a diminution of the nervous force below the ordinary standard engenders, it is a genial remedy. Taken between meals it encourages appetite; and before retiring a wineglassful invites repose. Persons in the decline of life use it with advantage to combat the infirmities of age, and there is no class of invalids whose ailments induce exhaustion, that may not use it with advantage. It is the surest medicinal bulwark against malaria, and to the injurious effects of exposure, overwork, and anxiety or mental excitement, it is a capital antidote.

CULTIVATED in groves, the average growth in twelve years, of several varieties of hard wood, has been ascertained to be about as follows:

VARIETIES.	INCHES DIAM- ETER.	FEET HIGH.
White Maple,.....	12	30
Ash or Leaf Maple,.....	12	20
Box Elder,.....	12	20
White Willow,.....	18	40
Yellow Willow,.....	18	35
Lombardy Poplar,.....	10	40
Blue and White Ash,.....	10	25
Black Walnut & Butternut,	10	20

SMALL HUXLEYAN: "I say, mammy, dis yer friziology say ef a chile hab an arm long 'nuff to reach to de sun w'en he's born, he done be dead 'n' berried sebenty-five yeah 'fo' eber he feel de scorch." Mammy (severely): "An'nias S'phiry Nebcudnezzah Jones, shet dat ar book, 'n' go split de kindlin' 'n' rest my po' brains! 'Pears like 's if too much larnin' 'll make me mad."

If men their wise physicians doubt,
And still persist in dining out,
They'll rue the day
They have to pay
The painful penalties of goubt.

ANTI-MOTH REMEDY.—Tansy, in green bunches, hung about closets and put under the edges of carpets, is said to be a sure preventive of the moth. It should be gathered before it goes to seed.

ARCHBISHOP WHATELY used to tell the story of a traveller who, finding himself and his dog in a wild country, and desolate of provisions, cut off his dog's tail and boiled it for his own supper, giving the dog the bone.

A LADY once went to Dublin Castle in such very full dress that more bust than baregaw was visible. "Did you ever see anything so unblushing?" said some one to Archbishop Whately. "Never, since I was weaned," replied the wit.

Old * Gentlemen * and * Delicate * Females

NEED an adequate supporting and enabling tonic, something which will counteract growing infirmities, renew failing strength and restrain physical decay within the bounds which nature imposes in a state of health. We are all "wearing away to the land of the leal" sufficiently fast, without the pace being accelerated by failing digestion, uneasy sleep, nervousness, rheumatism, lumbago, and the many other ills to which flesh is heir, and which increase with age. But it would seem, in many instances, as if, when we grow old, our stomachs, our livers, our kidneys, and our backs all entered into a conspiracy against us. Twinges that our youth never dreamt of, and our middle age knew not, then assail us, and the consciousness that they indicate that we are nearing "that bourne from whence no traveller returns," does not make them easier to

bear. Something, then, to make life more bearable physically, and which shall exert a cheering influence, is what the aged and the delicate specially require. *Hostetter's Stomach Bitters* meets the requirement exactly. It improves feeble digestion and sustains strength, it relieves gouty and rheumatic pains, it quiets the nerves, and when the liver, bowels or kidneys are inactive or disordered, it prompts them to renewed activity and regulates them. Ladies who in feeble health seek a wholesome invigorant, will meet in the Bitters the exact desideratum. They will not be repelled by it, and will experience speedy benefit. The same holds good of debilitated invalids of the other sex. Serviceable is a term that well describes the assistance it affords, when that assistance is enlisted in behalf of the elderly and the infirm.

ACCORDING to Mulhall, the excess of births over deaths, in Europe and America, is over four millions annually; the increase of the population is regular and unceasing, and statistics show that after destructive wars, the births of males predominate in a most surprising manner. The following is the annual birth and death rate per thousand inhabitants in different countries:

	BIRTHS.	DEATHS.
United Kingdom,	33.8	21.2
France,	26.1	23.6
Germany,	39.8	27.1
Hungary,	47.7	38.9
Holland,	35.4	24.6
Sweden,	31.2	19.2
Italy,	37.2	29.9
United States,	41.0	18.0

FARMERS are the longest lived in New England. Taking 3,500 citizens at random, there will be among them 461 farmers over 80 years of age, while the carpenters, nearly equal in number, have only 91 over 80. And the industries and professions are in about the same proportion to the carpenters.

THE riches of the commonweath
Are free, strong minds and hearts of health,
And more to her than gold or grain,
The cunning hand and cultured brain.

It is stated that in a gallon of skim milk there is nearly a pound of solid food, almost chemically similar to the lean of meat. This is the flesh of the milk, and there is no reason why it should not be eaten as a food, just as meat is eaten, with the addition of any kind of pure foreign fat; but, being mingled with a liquid, the people are unable to appreciate it, and rarely perceive the fact that it is a food at all.

WILLIAM PENN and Thomas Story once sheltered themselves from a shower of rain in a tobacconist's, the cross-grained proprietor of which said to them: "You enter here without leave! Do you know who I am? I am a justice of the peace." To which Story replied: "My friend here makes such as thee; he is Governor of Pennsylvania."

Govern * your * Liver * without * Tyranny.

THIS you can do without pestering it with mercury, or weakening your bowels with copious evacuates. The wholesome, pleasant aperient and anti-bilious medicine, *Hostetter's Stomach Bitters*, will achieve the desired result without compromising future health or griping your bowels. The hepatic gland is gently but effectually impelled to perform its duty of secreting the bile, and that fluid is diverted from the blood into its proper channel. The Mongolian hue of a bilious complexion, pains in the region of the organ afflicted, fur upon the tongue, an unpleasant odor of the breath, and other symptoms of chronic liver derangement, will vanish with gratifying promptitude and certainty, in consequence of the benign discipline exerted upon the liver by this safe, painless and invigorating specific. In

liver complaint, it should be recollected that the bowels are not the source of woe, as many people seem to imagine, who deluge their interiors with powerful purgatives, which exert no appreciable effect upon the biliary gland, and do infinite harm to the bowels. The Bitters has a specific effect upon the liver, regulating it thoroughly, and remedying discomfort in that region. The sick headaches which invariably accompany biliousness, disappear with the removal of the local disturbance, of which they are merely a symptom. Persons of a bilious habit are advised to use this inimitable corrective from time to time, as the means of counteracting a natural tendency born with many, but easily relievable with this useful auxiliary and preservative of health. It is a capital remedy also for indigestion, a frequent concomitant of liver complaint.

TRUE GREATNESS.

Who wickedly is wise, or madly brave,
Is but the more a fool, the more a knave.
Who noble ends by noble means obtains,
Or failing, smiles in exile or in chains;
Like good Aurelius let him reign, or bleed
Like Socrates—that man is great indeed.

"MORE women," says a physician, "catch cold by changing from a collar with a 'cape' to a ruche of ruffle, or capeless collar, than you have any idea of. I have had many cases of violent colds, resulting seriously, which could be directly traced to this cause. The neck is one of the most sensitive portions of the human body; hence it needs particular attention."

THE sweetness of bread depends upon seizing just the right moment to arrest the fermentation, so that it does not pass into the acetous stage. This is learned best by experience.

PERSONS of an analytical turn may make all sorts of interesting deductions from the following figures, which show the average annual consumption of writing paper (in pounds) on the part of persons of the given nationality:

Englishman,.....	10 $\frac{1}{4}$	Italian or Austria	1 $\frac{1}{2}$
American,.....	8	Spaniard,.....	1
German,.....	7 $\frac{1}{2}$	Russian,.....	2
Frenchman,.....	3 $\frac{1}{2}$	Mexican,.....	2

CARE OF SILK.—Never use a brush; it injures the goods. Instead wipe carefully with the face of a soft piece of velvet. Shake the velvet occasionally, and wipe between every plait, if you would preserve your garment and have it retain its new look.

THE happiness of your life depends upon the quality of your thoughts; therefore, guard accordingly, and take care that you entertain no notions unsuitable to virtue and unreasonable to nature.



A FRIEND INDEED.

IRATE MOTHER.—“Have yez seen my son Terence this day?”

FRIEND IN NEED.—“Yes'm; I seen him at Sunday School. His teacher wuz a givin' him a ticket for bein' good, an' I guess he must ha' lost it, and is a huntin' for it.”

THE king of Persia once ordered his vizier to make out a list of all the fools in his dominions. He did so, and put his majesty's name at the head of them. The king asked him why, and he immediately answered: “because you intrusted a lac of rûpees to men you don't know, to buy horses for you a thousand miles off, and who'll never come back.” “Ay, but suppose they come back?” “Then I shall erase your name and insert theirs.”

From Joseph Woerner, Philadelphia, Pa., December 23, 1886:

For over five weeks I suffered with diarrhoea, and I used different kinds of medicines without relief. Then I took your invaluable Hostetter's Stomach Bitters, and two bottles of it cured my suffering. Accept my sincere thanks for it.

“My dear,” said the aunt of a young widow to her niece one day, “is that your husband's portrait upon the wall?” “Yes, auntie.” “How blissfully happy! and what a heaven on earth must have been his life below,” simpered the aunt. “Ay, yes,” said the widow, “but we divided the thing up, so

that when he became blissful in heaven, I became happy on earth.”

From George Phillips, Eagle Rock, Idaho Territory, April 13, 1887:

I began to take your Hostetter's Stomach Bitters in 1880, for dyspepsia and indigestion, the first bottle relieved me, and in six months' time I was cured.

ACCORDING to a Boston clergyman, the millennium is due next year. In that case, all we have to say is that the clergymen of Boston have a deal of hard work to do in the next few months.

From George L. Fittin, Brighton, Michigan, March 17, 1887:

We sell more of your Hostetter's Stomach Bitters than any other kind we handle, and it gives the best of satisfaction. For a tonic we know of nothing better.

EVERY man has three characters—that which he exhibits, that which he has, and that which he thinks he has.

Chills + and + Fever, + Bilious + Remittent, Dumb + Figue + and + Figue + Cake.

THIS brood of nerve-destroying, constitution-wrecking maladies have a common progenitor, Miasma, a subtle atmospheric poison, the exact nature of which has never been determined, but traceable to the action of water and heat upon decaying vegetable matter. We know of but one fortifier that will render the system invulnerable to its attacks. The evidence is convincing that the sulphate of quinine will not eradicate these maladies when chronic. Sufferers from malaria of long standing only experience temporary relief, after repeated and almost incredible doses of this pernicious drug. *Hostetter's Stomach Bitters*, however, affords prompt relief, prevents a recurrence of the paroxysms, and in the sequel will eradicate the virus from the blood. Its preventive efficacy is no less well

established. No emigrant to the newly cleared regions of the West, no commercial traveller or tourist, who is compelled to inhale the aerial poison during a sojourn in a malarious region, should be unprovided with this saving specific. For diseases of the stomach, liver and bowels, caused by brackish, miasma-tainted water, and prevalent in the tropics, or on ship board under unfavorable conditions, it is also a most effective remedy. The liver, in malarial complaint, is always more or less seriously deranged, and of the disorders of this organ the Bitters is a benignant reformer. It is a fine reparative of vigor in a physique depleted and exhausted by any wasting disease. For rheumatism, bladder and kidney complaints and nervousness, it is also highly desirable.

GOLD AND SILVER.

The relative value of gold to silver has varied greatly at different periods. The ratio was, in the days of the patriarch

Abraham,.....	1 to 8	A. D. 1545,.....	1 to 6
B. C. 1000,.....	1 to 12	1551,.....	1 to 2
500,.....	1 to 13	1600,.....	1 to 10
A. D. 1,.....	1 to 9	1627,.....	1 to 13
500,.....	1 to 18	1700,.....	1 to 15½
1100,.....	1 to 8	1876,.....	1 to 20
1400,.....	1 to 11	1886,.....	1 to 28½

the highest point until then ever known.

A REMEDY FOR TENDER FEET.—A remedy for tender feet is cold water—about two quarts, two tablespoonfuls of ammonia, one tablespoonful of bay rum. Sit with the feet immersed for ten minutes, gently throwing the water over the limbs upward to the knee. Then rub dry with a crash towel, and all the tired feeling is gone. This is good for a sponge bath also.

THE soul of music slumbers in the shell,
Till waked and kindled by the master's spell;
And feeling hearts—touch them but rightly—
pour
A thousand melodies unheard before.

For a cough, boil one ounce of flaxseed in a pint of water, strain and add a little honey, one ounce of rock candy, and the juice of three lemons; mix and boil well. Drink as hot as possible.

An ordinary elephant produces 120 pounds of ivory, worth \$309. England consumes 650 tons (of which Sheffield takes one-third), for which it is necessary to kill 12,000 elephants yearly.

THE standard for a good cow is said to be 600 gallons of milk a year, and of this there should be 10 per cent. of cream.

The + Consequences + of + Indigestion.

A TRIFLING fit of indigestion is a small matter in itself, but it is apt to assume the dimensions of the ogre, Dyspepsia, if the symptoms are disregarded, the use of articles of food or of beverages inimical to the stomach are unabandoned, or ill-advised means resorted to. The tone of the stomach once lowered by imprudences in eating or drinking, the avoidance of these, and wise medication becomes peremptorily necessary. Dyspepsia institutes an abhorrent change in all normal and healthful conditions of the body. Appetite becomes variable, sleep grows untr tranquil, nervous symptoms constantly plague the sufferer, an unnatural gloominess of mind and peevishness, often amounting to hypochondriasis and monomania, hide and darken natural cheerfulness like a black pall. Sinbad, the sailor, found it hard to shake off the old man of the sea, but the

incubus of dyspepsia that sits astride the human abdomen, and renders turgid the organ of thought, is a monster whose clutch is far more tenacious. *Hostetter's Stomach Bitters* is the talisman that paralyzes it, although other remedies may have proved futile. Speedily after the commencement of a course of the great Tonic, the more unpleasant symptoms of this complaint, such as nervousness, heartburn, wind on the stomach after and sinking in that organ between meals, and a capricious or no appetite, are ameliorated. Finally, they are remedied altogether, and not only the stomach, but the liver and bowels, which are sympathetically disturbed, share in the happy influence of this genuine restorative of digestion, and consequently of vigor, flesh and bodily comfort, to the wasted nervous and dyspeptic invalid.

"It's notin' but perliticle parties in my house, Sarah. There's Jimmy, he's a bro'-bishunist; Eddy's a Hinry Georger; Patsy's a jimmercrat—same as his poor father was, God bless him! Tommy, he's jined the pergressive labor party; an', would you believe it, Clemantina, my only gal Clemantina, come last night an' axed if she might jine the pergressive ewker party, just formed in the neighborhood, an', as she said it was no end of favors she was to get, I let her jine."

The unit of light is the candle power. The candle power is the amount of light produced by a sperm candle one-sixth of a pound in weight, when burning at the rate of 120 grains per hour.

A STRIP of flannel, or a napkin folded lengthwise, and dipped in hot water and wrung out, and then applied around the neck of a child that has the croup, will usually bring relief in ten minutes.

TO CLEAN WASTE PIPES.—Dissolve four or five pounds of washing soda in boiling water, and throw down the kitchen sink. It will prevent the pipes stopping up with grease. Do this every few weeks.

MARRIAGE resembles a pair of shears, so joined that they cannot be separated; often moving in opposite directions, yet always punishing any one that comes between them.

TO MAKE TOUGH MEAT TENDER.—Soak it in vinegar and water; if a very large piece, for about twelve hours. For ten pounds of beef use three quarts of water to three-quarters of a pint of vinegar, and soak it for six or seven hours.

"My son Don has had a great many advantages," old Simon Cameron is quoted as saying; "but I had one that was worth all of them—poverty."

Renewal of an Interrupted Function.

THE respective functions of the various organs are, in most instances, well defined. Of that of the bowels we have all of us been unpleasantly reminded at times by its partial suspension. Constipation is an atrociously harassing complaint, when chronic, and is sometimes attended with inflammation of the bowels in extreme cases. Bilious symptoms, consequent upon the entrance of bile into the blood through the thoracic duct, always attend it when chronic. Headaches, dyspepsia and pain in the abdominal region, likewise accompany it. The function of discharge imposed upon the bowels by nature may, when interrupted, be safely, easily and progressively renewed without resorting to violent purgatives—the transmitted curse of an antiquated and purblind school of medicine. So strong is antique prejudice, that certain preposterous methods are still resorted to,

though long since exploded by the touch of enlightenment. The folly of excessive purgation, contrasted with the wisdom of gentle, painless relaxation of the bowels, has, however, long been apparent to the enlightened portion of the public and the medical profession—*Hostetter's Stomach Bitters* having been the means of rationalizing the old fashioned mode of practice. Podophyllin, jalap, salts and senna, aloes, and the like, are neither comparable in point of effectiveness with the great alterative, but are torturesome and debilitating to the bowels, which the Bitters invigorates, while impelling to renewed activity. While it is adequate to the relief of constipation in a chronic form, it is always advisable to employ it at the inception of the blockade. For kidney and bladder complaint, fever and ague, nervousness and rheumatism, it is also eminently beneficial.

A CUBIC inch of gold is worth \$210; a cubic foot, \$362,880; a cubic yard, \$9,797,762. This is valuing it at \$18 an ounce. At the commencement of the Christian era, there was in the world \$427,000,000 in gold. This had diminished to \$57,000,000 at the time America was discovered. Then it began to increase. Now the amount of gold in use is estimated to be \$6,000,000,000. Yet all this welded into one mass would be contained in a cube of twenty-six feet.

A REFRESHING and nourishing drink for an invalid: Stir the yellow of an egg into a glass of lemonade. If this is too rich, use more lemonade and drink part at a time.

For ingrowing nails use equal parts of mutton tallow, castile soap and white sugar, made into a salve. Apply until the swelling is down, then trim the nail in the center.

THE fiber of silk is the longest continuous fiber known. An ordinary cocoon of a well-fed silk worm will often reel 1,000 yards, and reliable accounts are given of a cocoon yielding 1,295 yards, or a fiber nearly three-quarters of a mile long.

As milk is an animal secretion manufactured by the cow, it must be evident that anything which worries, frets or torments the cow, or renders her uneasy or uncomfortable, will certainly lessen the quality and affect the composition of her milk.

THE best fertilizers for grapes are bone meal and potash. Unground bones are slower in action than the meal, but a bushel of them buried at the roots of a vine will in time be taken up and transformed into grapes. Wood ashes and homemade soft soap suds furnish potash,



DR. SMITH.—“Yes, fine girl; but look at her mother, Danny! If you want to know what young girls will be like when they're middle-aged, always look at their mothers, my boy—and beware!”

HIS SON.—“Oh lor, governor! I say! Does the same rule apply to young fellows and their fathers?”

AN old gentleman speaking to a young lady, and commenting on her freshness and good looks, remarked, “Ah, my dear, may you long retain them! Yours is a happy period of life. You know nothing yet of the jealousies, the heart-burnings, the contentions, the rivalries that beset the pathway of existence.” “Don't I, though,” she interrupted, “I want you to understand that I belong to a church choir.”

CLOVER and other deep-rooted plants bring up nitrogen, phosphates, potash and other plant food from the subsoil, and leave them near the surface in the form of vegetable matter; a severe drought does the same thing.

IN A MINORITY.—A country minister once asked those of his flock who wished to go to heaven to stand up. All the people present rose to their feet with the exception of Neil Brown, a half-cracked creature, who had

fallen asleep. Then the minister asked those who wished to go to hell to stand up. Neil, awakening by the noise of the people's movements, now stood up, and rubbing his eyes, looked hard at the minister, saying: “Weel, minister, I don't know what's the motion about, but you and I seem to be in a hopeless minority.”

A FAVORITE prescription at St. Bartholomew's Hospital, London, for erysipelas, is equal parts of precipitated chalk with melted benzoated or purified lard, with the addition of half a drachm of carbolic acid to every ounce of the ointment.

AN Irish priest addressing his flock on the dangers of intemperance, concluded with these words: “Drink, my children, makes you beat your wives, starve your families, and shoot your landlords—aye, and miss them, too.”

How * and * When * to * take * the * Bitters.

IN order to produce the effects desired in cases of disease, it is, as we have before intimated, highly desirable not only that *Hostetter's Stomach Bitters* should be resorted to in an early stage of the malady, but also that they should be used with persistence. In addition to this, it should be taken at regular intervals. In cases of dyspepsia, at a fixed time every day, before or after meals, a wine-glassful should be swallowed.

If sleep is unrestful, it is advisable to take a similar quantity every night, a quarter of an hour before retiring, regularity in the time of seeking repose, and an abstention from heavy meals eaten late, contributing in no small degree to the good effect producible by the remedy.

In cases of chills and fever, or other malarial complaints, the amount to be taken is, of course, to be regulated in great measure by the severity of the attack, always recollecting that the Bitters should be administered *between* the paroxysms, or when the sweating stage has passed, when the system ex-

hausted and nerves shaken and weakened by the malady, need sustenance and support.

Bilious patients, when the pain in the liver is accompanied by constipation, will usually find that sufficient to relax the bowels—and it should be borne in mind that the medicine is not a drastic purgative—will afford the hepatic organ unspeakable relief.

For inactivity of the kidneys and bladder, rather smaller doses, repeated with less frequency, are sufficient to impart the requisite degree of stimulus to the disordered viscera. The patient's own experience will afford an adequate guide as to the necessity for repetition of doses, and at what intervals.

The rheumatic should be prompt to avail themselves of this estimable remedy, the night wineglassful never being omitted, since it is highly conducive to restful and uninterrupted slumber, which is of all other things what they require.

In all cases *regularity—system*, and the use of the sovereign remedy cannot be too strongly urged.

SMALL GAINS.—The following shows how to accumulate a fortune, provided proper steps are taken. The table shows what would be the result at the end of fifty years, by saving a certain amount each day, and putting it at interest at six per cent. :

DAILY.	RESULT.	DAILY.	RESULT.
1 cent,.....	\$950	60 cents,	\$57,624
10 cents,.....	9,504	70 cents,	66,528
20 cents,.....	19,006	80 cents,	76,032
30 cents,.....	28,512	90 cents,	85,537
40 cents,.....	38,015	1 dollar,	95,041
50 cents,.....	47,520	5 dollars,.....	475,203

FOR HICCUGHS.—Dr. Henry Tucker recommends the following simple remedy for hiccoughs: Moisten granulated sugar with good vinegar. Of this give to an infant from a few grains to a teaspoonful. The effect is

almost instantaneous, and the dose seldom needs to be repeated. He has used it for all ages, from infants of a few months old to those on the down hill side of life, and has never known it to fail. The remedy is very simple, and merits trial.

A SANITARY CAUTION.—A writer urges the importance of thoroughly airing rooms and flushing all waste pipes on the return of a family after any considerable absence from home. The shut up house is often filled with noisome gas—through the evaporation of the water which keeps the sewer-traps operative—and this is not necessarily revealed by an odor. Many cases of sore throat have been traced to a neglect of these precautions.

THE SUNSHINE OF SUCCESS

AS shone full upon *Hostetter's Stomach Bitters* for upwards of a third of a century. No envious shadows have obscured the bright planet, the rays of which are rays of popularity. Onward the medicine moved to the pinnacle of popular esteem.

ITS PATRONS ARE OF MANY LANDS AND LANGUAGES!

Wherever sent, it meets with a warm welcome, for its fame precedes it—its merits are widely recognized. That it pays to advertise an article of genuine merit, is shown by the immense edition of this Almanac. But while we have presented the claims of HOSTETTER'S STOMACH BITTERS in vigorous, and not halting or half-hearted terms—for our whole hearts are bent upon enlarging, to the extent of our ability, the already expansive area of its usefulness—we have striven not to outrun the limits of truth. It is a GREAT MEDICINE, and we know it, particularly adapted to family use, pure in composition, safe to employ. We never have, and we never shall, claim for it universality in disease. Its uses are various, but it is no panacea for all human ills. Buncombe, when it relates to a proprietary medicine, is too costly a luxury for us to indulge in. It eventually reacts upon the authors to their serious pecuniary disadvantage. The public are not fools, and readily distinguish the ring of true metal from false. The proprietors of a

Leading Tonic,

A superlatively useful medicine, who have felt the popular pulse in the matter of inclination as long as we have, desire no better, surer, more convincing evidence of the value of the medicine we manufacture than public patronage affords. This, however, in the case of the Bitters, has been backed up by high professional commendation from many quarters—affording comfortable assurance that the unsought indorsement has not been the outcome of flamboyant outcry, but has been won by merit in discriminating quarters after a crucial test.

HOSTETTER & CO.

Hostetter's Business Calendar for 1890.

1890	Sunday	Monday	Tuesday	Wednesd.	Thursday	Friday	Saturday	1890	Sunday	Monday	Tuesday	Wednesd.	Thursday	Friday	Saturday	1890	Sunday	Monday	Tuesday	Wednesd.	Thursday	Friday	Saturday
Jan.	..	..	..	1	2	3	4	May	..	..	..	..	1	2	3	Sept.	..	1	2	3	4	5	6
	5	6	7	8	9	10	11		4	5	6	7	8	9	10		7	8	9	10	11	12	13
	12	13	14	15	16	17	18		11	12	13	14	15	16	17		14	15	16	17	18	19	20
	19	20	21	22	23	24	25		18	19	20	21	22	23	24		21	22	23	24	25	26	27
	26	27	28	29	30	31	..		25	26	27	28	29	30	31		28	29	30	..	..	..	..
Feb.	..	..	..	..	..	..	1	June	1	2	3	4	5	6	7	Oct.	..	..	..	1	2	3	4
	2	3	4	5	6	7	8		8	9	10	11	12	13	14		5	6	7	8	9	10	11
	9	10	11	12	13	14	15		15	16	17	18	19	20	21		12	13	14	15	16	17	18
	16	17	18	19	20	21	22		22	23	24	25	26	27	28		19	20	21	22	23	24	25
	23	24	25	26	27	28	..		29	30	..	..	..	..	..		26	27	28	29	30	31	..
Mar.	..	..	..	..	..	..	1	July	..	..	1	2	3	4	5	Nov.	..	..	..	..	..	..	1
	2	3	4	5	6	7	8		6	7	8	9	10	11	12		2	3	4	5	6	7	8
	9	10	11	12	13	14	15		13	14	15	16	17	18	19		9	10	11	12	13	14	15
	16	17	18	19	20	21	22		20	21	22	23	24	25	26		16	17	18	19	20	21	22
	23	24	25	26	27	28	29		27	28	29	30	31	..	..		23	24	25	26	27	28	29
	30	31	..	..	..	..	..		..	..	..	..	..	..	..		30	..	..	..	..	..	..
April	..	..	1	2	3	4	5	Aug.	..	..	..	..	1	2	..	Dec.	..	1	2	3	4	5	6
	6	7	8	9	10	11	12		3	4	5	6	7	8	9		7	8	9	10	11	12	13
	13	14	15	16	17	18	19		10	11	12	13	14	15	16		14	15	16	17	18	19	20
	20	21	22	23	24	25	26		17	18	19	20	21	22	23		21	22	23	24	25	26	27
	27	28	29	30		24	25	26	27	28	29	30		28	29	30	31
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PETER SCHMITZ,

No. 134 Saginaw St.

PONTIAC, MICH.

DEALER IN

Hostetter's Celebrated Stomach Bitters, DRUGS, MEDICINES, CHEMICALS,

Fancy and Toilet Articles, Trusses, Supporters, Shoulder braces,

GLASS, PUTTY, PAINTS, OILS, VARNISHES, DYE-STUFFS.

Grass and Garden Seeds,

Pure Wines and Liquors for Medicinal Purposes,

CARBON OIL, LAMPS AND CHIMNEYS.

Medicines Warranted Genuine, of Best Quality.

PHYSICIANS' PRESCRIPTIONS ACCURATELY COMPOUNDED.